

QLF

EAST BAY AMATEUR RADIO CLUB

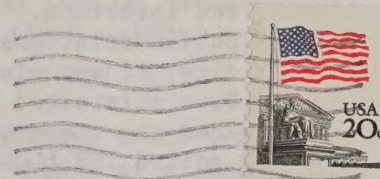
W6CUS

THE BLOWN FUSE

Jan 68



EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706



FIRST CLASS MAIL

Don Dunn K6BJJ
835 Santa Barbara Road
Berkeley, CA 94707

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

JANUARY 11	7:00 pm	W6CUS Station opens.
	8:00 pm	EBARC Meeting.
		<u>Topic:</u> Larry Doyle WB6CTQ on 6-meter operations.
FEBRUARY 8	7:00 pm	W6CUS Station opens.
	8:00 pm	EBARC Meeting.
		(Topic to be announced.)

**THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second
Friday of each month at the Salvation Army Church, 1110 36th St. (at
Rheem Ave.), Richmond, CA**

DAVE TYLER N6DRT HONORED AT EAST BAY AMATEUR RADIO CLUB GALA EVENT

By Don Simon NI6A

At the 1984 Christmas party of the East Bay Amateur Radio Club, Dave Tyler N6DRT was presented with a Certificate of Merit for his service to amateur radio. Dave's service to our fraternity is truly extraordinary. Before being elected president of the EBARC in 1981 and 1982, Dave served as vice president and treasurer. He started the West Contra Costa ARES/RACES group and became its first Emergency Coordinator. Dave began the proud EBARC tradition of public service communications for community charities, parades, and civic and athletic groups such as the American Cancer Society, March of Dimes, local jogging associations, California Department of Forestry, etc. At every public event, Dave was there personally, and was the man who performed the pre-planning and interface. Where there was positive public relations for the hobby and publicity, it was always Dave who did it. Dave maintained the EBARC mailbox, answered the correspondence, produced and edited THE BLOWN FUSE, and served actively on numerous club committees for many years, such as the Club Station Committee (W6CUS), the Field Day Committee, Public Service Activities Committee, Education Committee, Awards Committee, the Public Relations Committee, etc. Dave served for over five years on the Executive Board. As West County Emergency Coordinator, Dave broke virgin ground with hospital administrators, Red Cross officials, Salvation Army leaders, county and city disaster officials, bloodbank officials, etc.

Very few members of the EBARC knew that beyond this local activity, Dave was expending tremendous work on Statewide RACES planning, Western Operations Task Forces for the American Red Cross, ARRL convention programs, Senate Disaster Subcommittees, etc. Dave has been serving as the Chairman of the Communications Advisory Committee for the Western Operations Headquarters of the American Red Cross for the past few years. It was Dave Tyler who spent the many hours arranging for the expert testimony on behalf of amateur radio at State Senator

Campbell's Senate Subcommittee hearings on "Amateur Radio Disaster Communications" in 1983. Dave organized the Emergency Communications Forums at recent Pacific Division ARRL Conventions and has travelled from Reno to Santa Barbara, Bishop to Santa Cruz, Sacramento, and elsewhere on behalf of amateur radio without any monetary compensation. I am sure this list is far from complete. We are certain that this simple piece of paper honoring Dave and his work cannot be adequate to express our deep appreciation we have for his quality achievements and selfless dedication.

Dave currently is the chief RACES official for Contra Costa County, and resides in Albany with his wife, two children, and a growing antenna farm. We can think of no other amateur in Northern California that has done so much for his hobby and community through amateur radio. It's an honor for the East Bay Amateur Radio Club to be associated with such a "ham" as Dave Tyler, N6DRT.

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate \$12 per year. Please send all CHANGE OF ADDRESS notices to Al Streit KG6HF at this address, or contact by telephone at (415) 526-5743.

All Articles by Al Streit KG6HF except where otherwise noted.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

NOW CARRYING

YAESU

PRODUCTS

AT

VERY COMPETITIVE

PRICES

CALIFORNIA'S NEWEST AUTHORIZED

YAESU DEALERSHIP

The Base Station

210 Pacheco St. Concord, CA 94520

415 685 7388

CHANGING OF THE GUARD AT THE BLOWN FUSE

Members and guests attending the EBARC December 14th meeting and Christmas Party heard a terse announcement by Dave Tyler N6DRT that he was resigning as Editor of THE BLOWN FUSE. Dave's announcement stunned the gathering, which had come to regard his factual, first-rate reporting and publishing as a permanent fixture of the EBARC.

Those closest to Dave have known for some time that his responsibilities with the Contra Costa County Office of Emergency Services have produced a host of 12-16 hour days. Somewhere in this onerous work schedule, he has managed to find enough time to produce a first-rate newsletter for our Club.

This writer has known Dave for but a little more than one year. However, I have known a number of "Dave Tylers" in my lifetime, people who always put in long hours, because they care. Dave has performed a yeoman's effort in the rebuilding of this Club because he cares

about its future and the future of amateur radio. The stewardship of THE BLOWN FUSE was one of the projects closest to his heart, as I have come to realize during the past few months. I'm sure the decision to let it go was one of the more difficult he has had to make. I certainly had no clue that it was forthcoming, and was as surprised as the rest of the Club.

In accepting the challenge as his successor, I know it will not be an easy task. I am strengthened by the confidence he has shown in me, and hope that, in the months to come, I prove worthy of his trust.

HARRY CONLIN WD6DRQ
(1920 - 1984)

SILENT KEY

President Ray Ahlberg N6DIG led the Club in observing a moment of silence in memory of EBARC member Harry Conlin, WD6DRQ, during the December 14 meeting. Harry, whose passing was announced to the Club by his long-time friend Carl Eastman KA6OLK, had passed away less than eighteen hours before. Upon hearing of Harry's death, Contra Costa Communications Club President Bob Graham, W6IWH, issued the following statement, reprinted with permission of The Contra Costa Communicator:

Harry passed away on December 14, 1984. At Harry's request there was no funeral service. His body was donated to science.

Harry was an active ham on the air as well as off the air.

He organized our club picnic this year. He was a member of the San Pablo Sportsmens Club and an avid fisherman. He participated in disaster drills and turned out to help provide radio communications to the State Forestry Service during forest fires.

He was a member of the Richmond Amateur Radio Club, East Bay Amateur Radio Club, as well as the Contra Costa Communications Club. We will all miss Harry.

FIELD DAY SIGN-UP BEGINS

Although it seems a long way off, Field Day will soon be upon us, and preparations have already begun, according to Field Day Chairman Dave Lowrey, KB6APL. Dave and Don Simon NI6A are planning an inspection of possible sites next week, with final selection to be made by the end of January. An early site selection is expected to save the Club the \$100 fee which was incurred in 1984. Dave mentions that anyone who desires to serve on the Field Day Committee may sign up at the January 11 meeting. Oh, by the way, Field Day will be June 22nd this year.

MYSTERY SOLVED!

The "mystery oscilloscope" referred to in the December '84 issue of THE BLOWN FUSE, as well as the Treasurer's Report in this issue, is not a "mystery" after all! The oscilloscope, purchased by Bob Wheeler, KF6PD, at the December auction, was a donation from our own Jack Frost, K6HYS. Through some inexplicable foul-up, we failed to give Jack proper credit. Sorry 'bout that, and a belated "Thank You" to Jack from the East Bay Amateur Radio Club!

WANTED: PUBLICITY CHAIRMAN

Al Streit KG6HF and Dave Lowrey KB6APL have resigned from the Publicity Committee of the EBARC, effective immediately. Yours truly, in the period of one month, has accepted a number of major responsibilities for both the EBARC and NALCO ARES. Something had to give, and this was it. Likewise with my very able assistant Dave, who will have his hands full this year as Field Day Chairman. THEREFORE---we need somebody to continue the media effort! A few hours' time each month is all that is required. (All media contacts have been made!) Please contact President Ed Arnold K6AGD if you are interested.

EBARC General Meeting
December 14, 1984

Call to order at 8:03 PM by President Ray Ahlberg N6DIG.

Guests: John Billones WD6GGC, Joanne Streit KB6GLM, Kim Dunn, Mildred Dunn, Rachel Lewellen, M.J. Tyler, and Helmi Waits.

Upgrade Announcement: Woody Mertens to Technician with new call N6LFW (formerly KB6BGB).

Public Service: Dave N6DRT reminded members of need for volunteers for the "Your Place or Ours" program on New Year's Eve.

Club Station: Bob KF6PD reports that the new rotor is installed and working. It was suggested that the Club might put the old rotor up for auction.

Education: Don WD6DLR suggested classes might be started in February and offered information on Gordon West educational materials.

Field Day: East Bay ARC final score as reported in Dec. QST was 2,678 points. We should select a site for F.D. '85 as soon as possible.

C.C.R.C.: Al Streit KG6HF has offered to attend the CCRC meetings as the Club's representative.

It was proposed that the Club set up and sponsor a station at the Richmond Red Cross as a memorial to Lew Lewellen WA6JSO, with his call to be used if possible. A motion was made and approved to proceed with the establishment of such a Memorial Station. Funding is to be provided through a separately maintained portion of the Club Station Fund.

For 1985 Al KG6HF will take over from Dave Tyler as Editor of The Blown Fuse. Dave Tyler informed the Club that member Harry Conlin WD6DRQ has become a Silent Key. A moment of silence was then observed.

The business portion of the meeting was adjourned at 9:00 PM and followed by the Christmas Party.

John Percival KG6HU
Secretary

Treasurer's Report - December 1984

December Income:

Donations	
Auction purchase ("mystery* oscilloscope") - KF6PD	\$5.00
Club Membership Renewals:	192.00
N6DIG, K6BJJ, WD6FRP, WA6ZPV, K6HVU, W6VTJ, N6LFW, KG6HU, WB4DWU, KA6WHD, NI6A, KA6NZB, N6DRT, KF6PD,	
Check from Ham Radio Outlet (11/20/84)	30.00
Check from Base Station (11/13/84)	<u>9.00</u>
Total Income:	\$236.00

December Expenses:

Memorial flowers for WA6JSO	\$50.00
<u>Blown Fuse</u> Printing	43.14
<u>Blown Fuse</u> Postage	<u>19.40</u>
Total Expenses:	\$112.54

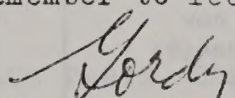
Central Bank Accounts (As of 1/2/85):

Checking (General Fund):	\$707.29
Savings (Station Fund):	\$680.26

The club membership roster which was included in the November 1984 Blown Fuse lists some 85 names. At this time only 25% have paid their 1985 membership dues on time. If you have not done so yet, please bring your \$12.00 check to the next meeting or mail it in to the new mailing address: P.O. Box 6211, Albany, Calif. 94706. Remember to include your call sign on the check.

Bob Wheeler is the lucky purchaser of an "mystery* oscilloscope" that was auctioned off at the last meeting. Bob, who scales high trees with great determination to get Field Day antennas up in place, is sure to get this antique running in great shape. Please bring your antiques in for our monthly auctions so that we may continue to keep our enterprising young men busy with new challenges.

Remember to feed the Kitty


Gordon Parsons, NU6W
Club Treasurer

* THE MYSTERY HAS BEEN SOLVED! See article in this issue. --Ed.

The ARRL has set an ambitious goal for itself, according to ARRL Secretary David Sumner, K1ZZ. By 1990, the League intends to have increased the number of licensed amateurs from just over 450,000 to 600,000 ---a 33% increase! Writing in the current issue of QST, Sumner admits to what numerous critics have stated for some time: amateur radio is in danger of becoming a declining hobby. This should concern all amateurs, regardless of license class or mode of operation, for two reasons, he writes. First, a decline in the number of licensees will intensify the pressure for spectrum reallocation. Second, the number and types of manufactured items will decrease, since "industry doesn't develop new products for a vanishing market."

Recognition of the existence of a problem is the first step towards a solution. This writer salutes the ARRL for facing up to the problem. There is wide disagreement, however, regarding the changes (if any) that need be made to attract such numbers. Though we may disagree on the means, it behooves us all to support the League in this effort.

CENTRAL CALIFORNIA RADIO COUNCIL

The Central California Radio Council was formed in 1951 to coordinate amateur radio activity in the nine Bay Area counties, to present a "united front," and to interchange information. It is probably the best vehicle for an individual club such as the EBARC to bring the concerns of its members to the attention of the ARRL Pacific Division. The CCRC is not "another club." Only clubs, not individual hams, are members. Meetings are held the first Wednesday of each month in South San Francisco.

THE BLOWN FUSE HAS MOVED! What??? Yes, it's true! For many years Dave N6DRT made use of his post office box for the BLOWN FUSE. As part of the changeover to new editorship, this newsletter now has a new home. Please send any changes of address, as well as any articles submitted for publication to:

THE BLOWN FUSE
P.O. Box 6211
Albany CA 94706

RED CROSS SUPPORTS TOWERS

The American Red Cross has filed comment with the F.C.C. in support of PRB-1, the American Radio Relay League's request for preemptive relief from local zoning ordinances. The Red Cross letter states in part: "The Amateur Radio Operators assist the American Red Cross in providing emergency communication in disaster situations. It would often be impossible to provide effective service without their assistance. We do not feel that ARRL is requesting to be exempt from measures taken to protect the health and safety of the local citizenry. However, they are concerned about actions undertaken that will interfere with their ability to provide service to their fellow man."

In addition to the Red Cross letter, the F.C.C. has received letters supporting PRB-1 from the cities of Port Arthur, Port Neches, and Groves, Texas; the Jefferson County (Texas) Department of Emergency Management; and the Kane County (Illinois) Emergency Management and Disaster Agency.

(Reprinted from The ARRL Letter.)

FOR SALE

KENWOOD 520-SE, with Power Supply, MC-50 desk mike. Brand-new condition. \$450.00 Plus: large desk for \$25.00. Contact Helen Keitel (415) 682-0850 or Joe Lee WB6DOB (415) 724-0533.

ATLAS 210-X, with Noise Blanketer, Original Mobile Mount, Mike, and Power Supply. This rig may be inspected at H.R.O., 2811 Telegraph Ave., Oakland during business hours. \$400.00. Contact Joe Lee WB6DOB at (415) 724-0533 evenings.

BUTTERNUT HF6V Vertical Antenna. All HF bands incl. 30 meters. Does not have 160 meter coil, but may be added. \$95.00. Contact Al Streit KG6HF (415) 526-5743.

MFJ-481 Memory Keyer, with 2 50-character memories. \$50.00. Contact Al Streit KG6HF (415) 526-5743.

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in West Contra Costa and Northern Alameda Counties, and is open to anyone with an interest in amateur radio! Annual dues are \$12, payable in January. Write or call for more information!

EXECUTIVE BOARD

Betty Baldo KB6P	653-1650	Leo Lewis WA6ZEV	233-0301
Grant Calhoun N6XP	233-0566	Sam Mason WD6FIM	526-5104
Steve Dodge K6ZR	233-5833	Don Simon NI6A	237-1381
Carl Eastman KA6OLK	237-2621	Don Waits WD6DLR	529-1785

1985 EBARC OFFICERS

President	Ed Arnold K6AGD	223-7927
1st V.P.	Bob Wheeler KF6PD	232-8048
2nd V.P.	Dave Lowrey KB6APL	655-9309
3rd V.P.	Al Streit KG6HF	526-5743
Secretary	John Percival KG6HU	232-8111
Treasurer	Gordy Parsons NU6W	785-4920

NETS

NAME	DAY	TIME	FREQ
EBARC SLOW CW NET	WEDS	2000	21.115
EBARC NET (Phone)	WEDS	2100	21.395
Alameda County RACES Net	Mon	1900	147.240
West Contra Costa Co. RACES Net	Thurs	1900	145.110
Northern Alameda Co. ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Commute Net	M-F	0700	145.110
Northern California VHF Traffic Net	Daily	1930	145.410
Northern California CW Traffic Net	Daily	1900	3.630
Northern Calif. Slow CW Traffic Net	Daily	2030	3.630
Region Six SSB Traffic Net	Daily	1045/1530	7.275
Region Six CW Traffic Net	Daily	1945/2130	3.655

(Want to see your net listed? Contact Al Streit KG6HF.)

CHAIRMEN

Program	Bob Wheeler KF6PD	232-8048
Fund Raising	Gordy Parsons NU6W	785-4920
Club Station	Bob Wheeler KF6PD	232-8048
W6CUS Trustee	Joe Lee WB6DOB	724-0533
Field Day	Dave Lowrey KB6APL	655-9309
Emergency	Dave Tyler N6DRT	525-6200
Publicity	(Vacant)	
Education	Don Waits WD6DLR	529-1785
Membership	Al Streit KG6HF	526-5743
Technical	Steve Dodge K6ZR	233-5833
Legal/Finance	Grant Calhoun N6XP	233-0566
Historian	Don Dunn K6BJJ	526-7136
Constitution	Steve Dodge K6ZR	233-5833
Blown Fuse	Al Streit KG6HF	526-5743
C.C.R.C.	Al Streit KG6HF	526-5743

O P E N W E E K E N D S

A. W. BOYD

HUNDREDS OF ITEMS
IN STOCK!

ELECTRONIC PARTS

DROP IN AND
CHECK US OUT!

**3438 Helen Street
Oakland, CA 94608**

AMATEURS
&
EXPERIMENTERS
WELCOME!

653-7311

SPECIALIZING IN NEW AND SURPLUS PARTS, COMPONENTS, AND INSTRUMENTS.

LOCATED NEAR JUNCTION OF MACARTHUR & NIMITZ FREEWAYS ON HELEN STREET NEAR 34TH ST.

STORE HOURS: WEEKENDS SAT 9-5, SUN 10-5; WEEKDAYS MON & THURS ONLY 8:30-4:30

THE BLOWN FUSE

HAM RADIO OUTLET

FOR THE VERY BEST DEAL ON EVERY COUNT!

- **BARGAIN PRICES** CHECK HERE FIRST.
START OUT WITH THE BEST PRICE.
- **TOLL-FREE PHONE: 800-854-6046**
INCLUDING ALASKA AND HAWAII CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT STORE NEAREST YOU
- **FREE SHIPMENT** MOST ITEMS. U.P.S. SURFACE.

KENWOOD



TS-930S

PAY REGULAR
PRICE OF **\$1599**

RECEIVE FREE

YOUR CHOICE OF

TH-21AT and HMC-1

2 MTR HANDHELD REG \$229.99 MIKE HEADSET REG \$39.95

OR

AT-930 and MC-60A

ANT. TUNER REG \$199.95 MIKE REG \$79.95

PLUS FREE U.P.S.

KENWOOD



TW-4000A

PAY REGULAR
PRICE OF **\$599.95**

RECEIVE FREE

YOUR CHOICE OF

ANY 2 OF THE FOLLOWING

1) **VS-1 VOICE SYNTHESIZER**

\$39.95 VALUE

2) **TU4-C SUB-AUDIBLE**

\$39.95 VALUE

3) **MA-4000 DUO-BAND**

MOBILE ANTENNA. \$44.95 VALUE

ALL THESE LINES IN STOCK

AEA • ALLIANCE • ALPHA • AMECO • AMPHENOL • ANIKTER MARK • ANTENNA SPECIALISTS • ARRL • ASTRON • BASH • BELDEN • BENCHER • BIRD • BUTTERNUT • B & W • CALLBOOK • CENTURIAN • COLLINS • COLUMBIA • CURTIS • CUSHCRAFT • DAIWA • DRAKE • DX EDGE • EIMAC • GILFER • HAL • HUSTLER • HY GAIN • ICOM • JSC • J. W. MILLER • KANTRONICS • KENWOOD • KLM • LARSEN • LUNAR • METZ • MFJ • MICRO-LOG • MINI-PRODUCTS • MIRAGE • NYE • PALOMAR • ROHN • SHURE • SIGNAL-ONE • STONER • TEMPO • TEN-TEC • TRISTAO • TRI-EX • VAN GORDON • VOCOM • VIBROPLEX • WEST • YAESU and more

TOWER/ANT./ROTOR PACKAGE SALE

MA-40 TRISTAO 40' TUBULAR

\$699 VALUE

A-3 CUSHCRAFT TRI-BANDER

\$299 VALUE

HD-73 ALLIANCE ROTOR

\$139 VALUE

75' BELDEN RG/8 COAX and

8 COND. CABLE \$70 VALUE

A TOTAL VALUE OF \$1207

YOUR PRICE \$899

FREIGHT ON TOWER ONLY



YAESU

FT-209RH

PAY REG.
PRICE OF **\$349.95**

RECEIVE FREE

FTS-6 ENCODER/DECODER
\$49.95 VALUE

TRISTAO

MA-40, \$549

MA-550, \$899

TRI-EX

W-51, \$899

LM-354, \$1599

MIRAGE

B-3016 SALE \$199.95

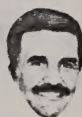
B-1016 SALE \$249.95

B-108 SALE \$159.95

B-23A SALE \$89.95

D-1010 SALE \$289.95

PERSONALIZED SERVICE



BOB FERRERO, W6RJ

President.

JIM RAFFERTY, N6RJ

VP, So. Calif. Div., Anaheim.

Managers:

GEORGE, WB6DSV *Burlingame.*

DON, N6IPE *Oakland.*

BOB, K7RDH *Phoenix.*

GLENN, K6NA *San Diego.*

AL, K6YRA *Van Nuys.*

and other active amateurs to serve you

ICOM

IC-751



PAY REG. PRICE OF **\$1399**

RECEIVE FREE

IC-2AT HANDHELD

\$269.50 VALUE

ICOM



IC-02AT

PAY REG. PRICE OF

\$349

RECEIVE FREE

IC-BP8 BATTERY

\$63 VALUE

SIX LOCATIONS

ANAHEIM, CA 92801

2620 W. La Palma,
(714) 761-3033, (213) 860-2040,
Between Disneyland and
Knotts Berry Farm.

BURLINGAME, CA 94010

999 Howard Ave.
(415) 342-5757,
5 miles south on 101 from
San Francisco Airport.

OAKLAND, CA 94609

2811 Telegraph Ave.,
(415) 451-5757,
Highway 24 Downtown,
Left 27th off-ramp.

PHOENIX, AZ 85015

1702 W. Camelback Road,
(602) 242-3515,
East of Highway 17.

SAN DIEGO, CA 92123

5375 Kearny Villa Road,
(619) 560-4900,
Highway 163 and Clairemont
Mesa Boulevard.

VAN NUYS, CA 91401

6265 Sepulveda Blvd.
(818) 988-2212
San Diego Freeway at
Victory Boulevard

STORE HOURS: 10AM to 5:30PM Mon. thru Sat.

Prices, specifications, descriptions subject to change without notice. Calif. and Arizona residents please add sales tax.



Feb. 85
QLF

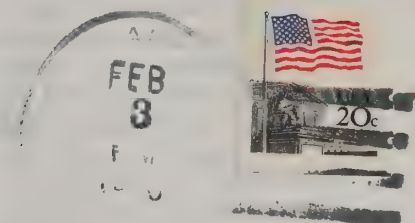
EAST BAY AMATEUR RADIO CLUB

W6CUS



THE BLOWN FUSE

**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



FIRST CLASS MAIL

Don Dunn K6BJJ
835 Santa Barbara Road
Berkeley, CA 94707

**POSTMASTER:
ADDRESS CORRECTION REQUESTED.**

COMING EVENTS

FEBRUARY 8	7:30 pm	W6CUS Station opens.
	8:00 pm	EBARC Meeting. Topic: Ted Harris N6IIU on Packet Radio.
MARCH 8	7:30 pm	W6CUS Station opens.
	8:00 pm	EBARC Meeting. Topic to be announced.
MARCH 9	8:00 am	Flea Market, Parking Lot "C", Foothill College, Los Altos

**THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second
Friday of each month at the Salvation Army Church, 1110 36th St. (at
Rheem Ave.), Richmond, CA**

EXECUTIVE BOARD MEETS IN BERKELEY

Initiating what is hoped will become a bi-monthly occurrence, the Executive Board of the EBARC held its first meeting of 1985 at the home of Betty and Chris Baldo during the evening of Tuesday, January 22nd. As defined by the Club's By-laws, the Executive Board consists of the President, Vice Presidents, Secretary, Treasurer, the immediate past president, Editor of THE BLOWN FUSE, C.C.R.C. Representative, and ex-officio members elected to the Board.

The meeting was held primarily through the efforts of President Ed Arnold K6AGD and Executive Board Member Steve Dodge K6ZR. As Steve explained, the Club officers have found themselves in somewhat of a difficult situation. Many EBARC members enjoy the guest speakers, the socializing, and other club activities, but dislike the business portions of the monthly meetings. Other members may have an intense interest in the business activities of the EBARC, yet may choose not to serve as officers. In an effort to take care of necessary Club business, yet not "bore" those uninterested in business matters, much of the business activity will be conducted at these Board meetings, explained Steve. However, he was very emphatic in stressing that all Board meetings are open to all EBARC members, whether Board members or not.

It is proposed to hold Executive Board meetings on the fourth Tuesday of every other month, at the home of one of its members. Times and locations will, of course, be printed in the Coming Events section of THE BLOWN FUSE.

BURGLARY AT JANUARY MEETING

None other than your very own BLOWN FUSE Editor was the victim of auto burglary during the January 11 meeting of the EBARC. Stolen was a Kenwood TR-7950 2-meter transceiver and a stereo tape deck. Needless to say, the thief was much less careful about removing the equipment than I would have been!

Club members are reminded to take care where they park and what will be seen by any potential burglar.

CLUB MEMBERS HONORED

Although Field Day will not arrive until June 22nd, the Awards Committee of the EBARC had its own "field day" at the January meeting, in recognizing the efforts of eighteen Club members during the years of 1983 and 1984.

Dave Tyler N6DRT, Emergency Service Chairman, presented awards to the following members for emergency service work during 1983 and 1984: Carl Clark, WA6KTL (1983-1984); Carl Eastman, KA6OLK (1983-1984); the late Lew Lewellen, WA6JSO (1983); Leo Lewis, WA6ZFY (1983-1984); Dave Lowrey, KB6APL (1984); and Don Simon, NI6A (1983-1984).

Joe Lee, WB6DOB, presented public service awards to the following Club members: Carl Clark, WA6KTL (1983); Carl Eastman, KA6OLK (1983-1984); Lew Lewellen, WA6JSO (1983); Leo Lewis, WA6ZFY (1983-1984); Bob Phelps, WB4DWU (1984); Don Simon, NI6A (1983-1984); and Dave Tyler, N6DRT (1983-1984).

Don Simon, NI6A, concluded the ceremony by presenting awards to the following individuals for service to the Club: Ed Arnold, K6AGD (1983-1984); Les Bodin, W6JKY (1983); Carl Clark, WA6KTL (1983); Carl Eastman, KA6OLK (1983-1984); Muriel Hunter, WD6FRP (1983); Joe Lee, WB6DOB (1983); Leo Lewis, WA6ZFY (1983-1984); Woody Mertens, N6LFW (1984); Gordy Parsons, NU6W (1984); Fred Strehlan, NW6E (1983); Al Streit, KG6HF (1984); Dave Tyler, N6DRT (1983-1984); Don Waits, WD6DLR (1983); and Bob Wheeler, KF6PD (1983-1984).

Congratulations from THE BLOWN FUSE to all so honored!

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate \$12 per year. Please send all CHANGE OF ADDRESS notices to Al Streit KG6HF at this address, or contact by telephone at (415) 526-5743.

All Articles by Al Streit KG6HF except where otherwise noted.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685-7388

CW CLASSES TO BE SCHEDULED

Don Waits WD6DLR, Education & Upgrade Committee Chairman, is making the preparations for a beginners class in International Morse Code (CW) sending and receiving. He has been negotiating with the Salvation Army for times during the week when classes could be held. Don will be assisted in this endeavor by Tony Slattery KA6NZB.

If everything has gone well, Don may have an announcement regarding times, duration, etc., at the February meeting. Otherwise, stay tuned to THE BLOWN FUSE for further information, or contact Don at (415) 529-1785.

KB6WC, W6VTJ UPGRADE TO EXTRA

Two more EBARC members have upgraded their license class in recent weeks. As announced at the January meeting, Peter Gaposchkin KB6WC weathered the volunteer examination system in December, and is now an amateur extra class operator. On Saturday, January 12, Larry Marks W6VTJ also moved up to amateur extra status, after being tested at the Stanford Linear Acceleration Center. Both had been advanced class prior to their upgrading. Congratulations to Peter and Larry!!!

PACKET RADIO HIGHLIGHTS FEBRUARY MEETING

At the February 8th meeting of the EBARC, Ted Harris N6IIU will speak on the new, exciting world of packet radio. Packet radio is a method of digital communications like RTTY or ASCII, but which promises many more advantages. "Packets" (short messages of approximately 25 words) are automatically routed error free from originator to destination. What about 1,200 baud and higher? (That's 1,500 wpm and faster!) How about electronic mailboxes with coast-to-coast mail and information bulletins? What about coast-to-coast electronic mail via packet radio error free? (Not yet implemented, but not far off.) What about having messages waiting for you while you are out of the shack? Turning your station into a packet repeater (digipeater)? This and much more is already happening! Come to this meeting and see how you can join in on this fun. If you already have a 2-meter FM rig and a computer terminal, all you need is a terminal node controller (TNC).

Ted will fill us in on what's going on, what's to come, and how to do it! Ted has a special temporary authorization to experiment with an automated satellite packet gateway station, is disaster services director for the Palo Alto American Red Cross, A.R.R.L. Emergency Coordinator for Stanford University, Director and Secretary of the Pacific Packet Radio Society, member of the Communications Advisory Committee for the American Red Cross Western Operations Headquarters, etc. Ted will tell us how his group ran the packet radio operations for the 1984 Olympics at Stanford Stadium in addition to discussing the uses of packet radio for amateur radio communications! A demonstration will also take place. (By Don Simon, NI6A)

FAMILIAR FACE AT H.R.O.

East Bay Amateur Radio Club members who venture into Ham Radio Outlet in Oakland may well find themselves greeted by none other than our own Tony Slattery KA6NZB. "Slats" was chosen from among hundreds of applicants to fill the full-time sales position which became open when store manager Greg Gumbel N6PO resigned in order to pursue other interests. Moving up to the position of manager is Don Melcher, N6IPE.

General Meeting Minutes
January 11, 1985

The meeting opened at 8:02PM with outgoing President Ray Ahlberg N6DIG "passing the gavel" to our President for 1985, Ed Arnold K6AGD.

Guests: Al Norman, R.L. Robinson, Larry Doyle WB6CTQ, Dave and Lelia Barber, Mildred Dunn, and Addison Lake.

New Members: Joining E.B.A.R.C. at this meeting were: Amos Johnson WA6OUO, Sue Ludemann KA6SOC, and John Billones WD6GGC. It was also announced that Jack Jackson W6KNO had become a new member. Upgrade Announcement: Peter Gaposchkin KB6WC from Advanced to Extra - Congratulations!

Guest speaker for the evening was Larry Doyle WB6CTQ on the subject of 6-meter operation. Larry gave an interesting talk on 50MHz propagation modes and the effects of the 11-year sunspot cycle. A collection of unusual QSL cards and several award certificates were passed around for the club to see. Larry's operating achievements include: 6M-WAS, 600 Club, All Japanese Districts, and 19 of 21 countries confirmed. Ending the program with a question and answer period, Larry encouraged the members to take an active interest in 6-meter operation.

Certificate presentations followed with Dave Tyler presenting Emergency Service awards. Joe Lee and Don Simon presented EBARC Club Awards recognizing Emergency and Public Service, and Service to the Club. Don Simon presented a plaque from the Zephyr Athletic Club in recognition of public service performed by the E.B.A.R.C. This plaque will be displayed in the club station. Don proposed that a Memorial plaque be placed at the Richmond Red Cross to honor the contributions of Lew Lewellen WA6JSO. A motion to do so was approved.

Program and Club Station: Bob Wheeler KF6PD, requested suggestions for speakers at future meetings. Bob reported that two telephone lines were installed into the club station with the help of Bob Phelps WB4DWU. A phone is available and should be installed soon. A battery charger is needed at the Richmond Red Cross station. A motion was made and

(See p. 6, col. 1)

E.B.A.R.C. Board Meeting
January 22, 1985

Attendees: Chris Baldo, Betty Baldo, Steve Dodge, Joe Lee, Ed Arnold, Bob Wheeler, Don Simon, Carl Eastman, Ray Ahlberg, Dave Tyler, Don Waits, Sam Mason, Al Streit, and John Percival.

Meeting opened at 7:45PM by president Ed Arnold.

Insurance: The club's equipment insurance policy is due for renewal. The Icom 280 2meter rig must be added to the policy.

ARRL Affiliation: The club must file a report to ARRL to update our affiliation records (club officers, new mailing address, etc.). Ray Ahlberg said this was done last year. It was suggested that the club secretary send a letter to ARRL to verify that EBARC is currently affiliated.

B.I.N.: The Berkeley Information Network is a service of the Berkeley Public Library which maintains information on local clubs and organizations. EBARC has received an update request form from B.P.L. The club secretary will send current information in reply.

QSL Cards: The club has received a QSL catalog with samples. This material will be shown to members at the next regular meeting.

Richmond Red Cross Station: Don Simon presented a draft "Statement of Understanding and Agreement" between EBARC and the R.R.C. Dave Tyler pointed out that the document as prepared involved three parties; EBARC, the Red Cross, and the local ARES group. Dave also mentioned that the term "agreement" implies a contract. A motion was made and carried to delete the word "agreement", remove ARES as a signatory, and present the revised draft to the Richmond Red Cross.

Salvation Army Station: Dave Tyler read the present document describing our relationship with the Salvation Army. It is a statement of permission for EBARC to use the Salvation Army's facilities for our meetings, with no mention of our club station equipment. The club has a verbal agreement to provide emergency communication for the Salvation Army. Steve Dodge moved that a document similar to the one for the Red Cross be drafted for the Salvation

(See p. 6, col. 2)

Treasurer's Report - January 1985

January Income:

Club Membership Renewals:	\$192.00
K6AGD, K6ZR, KA6WAG, N6EK, N6IIW, KB6APL, WD6FTM, WB6QKS, NG6C, N6FT, KA6KZT, N6EEG, NW6E, WD6DLR, W6JRZ, KA6NQJ,	
New Members:	48.00
WD6GGC, W6KNO, WA6OUO, KA6SOC	
Station Fund (December and January):	10.61
Raffle Ticket Sales:	40.00
Total Income:	\$290.61

January Expenses:

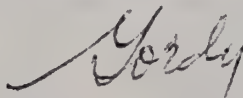
<u>Blown Fuse</u> Printing:	\$41.75
<u>Blown Fuse</u> Postage:	18.40
Total Expenses:	\$60.15

Central Bank Accounts (As of 1/24/85):

Checking (General Fund):	\$927.14
Savings (Station Fund):	\$690.87

It was decided a few years ago that our annual membership dues would cover the period between January 1st through December 31 of each year, and that all dues would be payable at the end of the year. This is to facilitate book keeping. A surprising number of our members, especially those who have been in the club for many years, still believe that they pay the month they initially joined. Consequently the membership dues keep trailing in throughout the year, and in some cases are forgotten altogether. Please pay your dues now if you have not already done so. Your cancelled check and your membership card are your receipts which will help in case there is a need for verification.

Remember to feed the Kitty



Gordon Parsons, NU6W
Club Treasurer

(From p. 4, col. 1)
approved to auction the Motorola "Motrac" 2-meter rig, if the donor agrees to the idea. It was mentioned that the club should have a written "Statement of Understanding" with the Richmond Red Cross concerning our club station at that facility. Don Simon will draft such a document to be considered at the next Board meeting. Some important concerns are ownership, operation of, and access to our equipment at that station.

Field Day: Dave Lowery KB6APL, asked for volunteers to help with planning. Volmer Peak is being considered as a possible site. The East Bay Regional Parks District should be contacted several months before Field Day.

Publicity: A volunteer was asked for to fill the vacancy as chairman of the Publicity and Public Relations committee. Peter Gaposchkin expressed interest in the position.

C.C.R.C.: Al Streit has resigned as representative to the Central Calif. Radio Council. Ray Ahlberg will consider representing the club at the monthly CCRC meetings.

Meeting adjourned at 11:03P.M.

John Percival KG6HU
Secretary

EBARC MEMBERSHIP SWELLS

Four new members were added to the roster of the EBARC in January, Membership Chairman Al Streit KG6HF announced during the January meeting. This prompted President Ed Arnold K6AGD to declare the Club off to a "rousing start" for 1985. The credit, of course, belongs to our newest members themselves. They are John Billones WD6GGC of El Cerrito, Jack Jackson W6KNO of Kensington, Amos Johnson WA6OUO of Richmond, and Sue Ludemann KA6SOC, also of Richmond. Unlike many of the women in our hobby, Sue is not an "XYL" who was encouraged by her ham-licensed husband to get her own ticket. Sue's husband, you see, is not a ham. (Does this make him an "XYM"?) Anyway, we're delighted to have Sue in the EBARC, and just as delighted to include Amos, Jack, and John, too. Welcome to the Club!

(From p. 4, col. 2)
Army and be presented for discussion at the next EBARC Board Meeting. The motion was seconded and carried.
Constitution Committee: Steve Dodge presented a framework outline of a constitution with a general description of each article. Chris Baldo described the constitution of the Yolo Amateur Radio Society that was approved by the I.R.S. for tax-exempt status. A motion by Carl Eastman to commend the efforts of the committee thus far and give a vote of confidence for the work to continue, was seconded and carried.

Meeting adjourned at 10:10P.M.

John Percival, secretary

EXTRA-EXTRA-EXTRA--Woody Mertens N6LEW has upgraded to General Class, as of February 1st!!! Details in next issue!

SLOW CW NET IS BACK!

The EBARC Slow CW Net is back after an absence of several months, according to Doug Cain N6JNK, net control. Beginning last month, Doug, Don Dunn K6BJJ, and Stan Saniuk W6PRR took it upon themselves to revive this long-standing tradition.

As Don, EBARC Historian, explained, the Slow CW net began over thirty years ago under the auspices of the now-defunct Richmond Amateur Radio Club. Net control for most of this period was Chas Henry W6EJA, now a silent key. With the decline of the RARC, the Net moved under the umbrella of the EBARC, where it remained until some time during 1984, when it seemed to fizzle out.

Doug, Don, and Stan--the "Three Musketeers"--have pledged to build the Slow CW Net to its former prominence. All amateurs are welcome, as a Novice frequency is used, and the speed is adjusted to include everyone. It's a good way to practice for upgrading, or merely to maintain one's CW skills without struggling with the intimidating speeds of the DX bands.

The Slow CW Net meets each Wednesday at 2000 local time, at 21.115 MHz in the 15-meter Novice band. Remember--this is your net, so support it!

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in West Contra Costa and Northern Alameda Counties, and is open to anyone with an interest in amateur radio! Annual dues are \$12, payable in January. Write or call any Club official listed below for further information!

EXECUTIVE BOARD

Ed Arnold, K6AGD, President	223-7927
Bob Wheeler, KF6PD, First Vice President	232-8048
Dave Lowrey, KB6APL, Second Vice President	655-9309
Al Streit, KG6HF, Third Vice Pres. & Blown Fuse Editor	526-5743
John Percival, KG6HU, Secretary	232-8111
Gordy Parsons, NU6W, Treasurer	785-4920
Ray Ahlberg, N6DIG, President Emeritus & CCRC Rep.	525-8858
Betty Baldo, KB6P	653-1650
Grant Calhoun, N6XP	233-0566
Steve Dodge, K6ZR	233-5833
Carl Eastman, KA6OLK	237-2621
Leo Lewis, WA6ZFY	233-0301
Sam Mason, WD6FIM	526-5104
Don Simon, NI6A	237-1381
Don Waits, WD6DLR	529-1785

COMMITTEE CHAIRMEN

Program	Bob Wheeler, KF6PD	232-8048
Fund Raising	Gordy Parsons, NU6W	785-4920
Club Station	Bob Wheeler, KF6PD	232-8048
W6CUS Trustee	Joe Lee, WB6DOB	724-0533
Field Day	Dave Lowrey, KB6APL	655-9309
Emergency & Public Service	Dave Tyler, N6DRT	525-6200
Publicity	Peter Gaposchkin, KB6WC	540-0671
Education & Upgrade	Don Waits, WD6DLR	529-1785
Membership & Hospitality	Al Streit, KG6HF	526-5743
Technical	Steve Dodge, K6ZR	233-5833
Legal & Finance	Grant Calhoun, N6XP	233-0566
Historian	Don Dunn, K6BJJ	526-7136
Constitution	Steve Dodge, K6ZR	233-5833

NETS

East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115 MHz
East Bay Amateur Radio Club Phone Net	Weds	2100	21.395
Alameda County RACES Net	Monday	1900	147.240
West Contra Costa County RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast & Commute Net	M-F	0700	145.110
Northern California VHF Traffic Net	Daily	1930	145.410
Northern California CW Traffic Net	Daily	1900	3.630
Northern California Slow CW Traffic Net	Daily	2030	3.630
Region Six SSB Traffic Net	Daily	1045/1530	7.275
Region Six CW Traffic Net	Daily	1945/2130	3.655

6 STORE BUYING POWER!!!

HAM RADIO OUTLET

FOR THE VERY BEST DEAL ON EVERY COUNT!

- **BARGAIN PRICES** CHECK HERE FIRST.
START OUT WITH THE BEST PRICE.
- **TOLL-FREE PHONE: 800-854-6046**
INCLUDING ALASKA AND HAWAII CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT STORE NEAREST YOU
- **FREE SHIPMENT** MOST ITEMS. U.P.S. SURFACE.

KENWOOD



TS-930S
PAY REGULAR PRICE OF **\$1599**
RECEIVE FREE
YOUR CHOICE OF
TH-21AT and HMC-1
2 MTR HANDHELD REG. \$229.99 MIKE HEADSET REG. \$39.95

OR
AT-930 and MC-60A
ANT. TUNER REG. \$199.95 MIKE REG. \$79.95
PLUS FREE U.P.S.

KENWOOD



TW-4000A
PAY REGULAR PRICE OF **\$599.95**
RECEIVE FREE
YOUR CHOICE OF
ANY 2 OF THE FOLLOWING
1) **VS-1 VOICE SYNTHESIZER**
\$39.95 VALUE
2) **TU4-C SUB-AUDIBLE**
\$39.95 VALUE
3) **MA-4000 DUO-BAND**
MOBILE ANTENNA. \$44.95 VALUE

ALL THESE LINES IN STOCK

AEA • ALLIANCE • ALPHA • AMECO •
AMPHENOL • ANIXTER MARK • ANTENNA
SPECIALISTS • ARRL • ASTRON • BASH •
BELDEN • BENCHER • BIRD • BUTTERNUT •
B & W • CALLBOOK • CENTURIAN • COLLINS
• COLUMBIA • CURTIS • CUSHCRAFT •
DAIWA • DRAKE • DX EDGE • EIMAC •
GILFER • HAL • HUSTLER • HY GAIN • ICOM •
JSC • J. W. MILLER • KANTRONICS •
KENWOOD • KLM • LARSEN • LUNAR • METZ
• MFJ • MICRO-LOG • MINI-PRODUCTS •
MIRAGE • NYE • PALOMAR • ROHN • SHURE •
SIGNAL-ONE • STONER • TEMPO • TEN-TEC
• TRISTAO • TRI-EX • VAN GORDON • VOCOM
• VIBROPLEX • WEST • YAESU and more

TOWER/ANT./ROTOR PACKAGE SALE

MA-40 TRISTAO 40' TUBULAR
\$699 VALUE
A-3 CUSHCRAFT TRI-BANDER
\$299 VALUE
HD-73 ALLIANCE ROTOR
\$139 VALUE
75' BELDEN RG/8 COAX and
8 COND. CABLE \$70 VALUE
A TOTAL VALUE OF \$1207
YOUR PRICE \$899
FREIGHT ON TOWER ONLY



YAESU
FT-209RH
PAY REG. PRICE OF **\$349.95**
RECEIVE FREE
FTS-6 ENCODER/DECODER
\$49.95 VALUE

TRISTAO

MA-40, \$549
MA-550, \$899

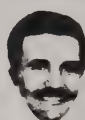
TRI-EX

W-51, \$899
LM-354, \$1599

MIRAGE

B-3016 SALE \$199.95
B-1016 SALE \$249.95
B-108 SALE \$159.95
B-23A SALE \$89.95
D-1010 SALE \$289.95

PERSONALIZED SERVICE



BOB FERRERO, W6RJ
President.

JIM RAFFERTY, N6RJ
VP, So. Calif. Div., Anaheim.

Managers:

GEORGE, WB6DSV Burlingame.

DON, N6IPE Oakland.

BOB, K7RDH Phoenix.

GLENN, K6NA San Diego.

AL, K6YRA Van Nuys.

and other active amateurs to serve you



ICOM

IC-751



PAY REG. PRICE OF **\$1399**
RECEIVE FREE
IC-2AT HANDHELD
\$269.50 VALUE



ICOM

IC-02AT

PAY REG. PRICE OF
\$349

RECEIVE FREE
IC-BP8 BATTERY
\$63 VALUE

SIX LOCATIONS

ANAHEIM, AZ 92801
2620 W. La Palma.
(714) 761-3033. (213) 860-2040.
Between Disneyland and
Knotts Berry Farm.

BURLINGAME, CA 94010
999 Howard Ave.
(415) 342-5757.
5 miles south on 101 from
San Francisco Airport.

OAKLAND, CA 94609
2811 Telegraph Ave.,
(415) 451-5757.
Highway 24 Downtown.
Left 27th off-ramp.

PHOENIX, AZ 85015
1702 W. Camelback Road.
(602) 242-3515.
East of Highway 17

SAN DIEGO, CA 92123
5375 Kearny Villa Road.
(619) 560-4900.
Highway 163 and Clairemont
Mesa Boulevard.

VAN NUYS, CA 91401
6265 Sepulveda Blvd.
(818) 988-2212
San Diego Freeway at
Victory Boulevard

STORE HOURS: 10AM to 5:30PM Mon. thru Sat.

Prices, specifications, descriptions subject to change without notice. Calif. and Arizona residents please add sales tax.



QLF

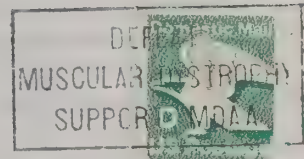
EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE



**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



FIRST CLASS MAIL

Don Dunn K6BJJ
835 Santa Barbara Road
Berkeley, CA 94707

**POSTMASTER:
ADDRESS CORRECTION REQUESTED.**

COMING EVENTS

MARCH 8	7:30 pm	W6CUS Station opens
	8:00 pm	EBARC Meeting
		Guest Speaker: Paul Mason WA6EUZ
		"Amateur Radio on The Golden Hinde"
MARCH 9	8:00 am	Flea Market, Foothill College, Los Altos
APRIL 12	7:30 pm	W6CUS Station opens
	8:00 pm	EBARC Meeting
		Guest Speaker(s): Amy Freundlich and/or
		Marti Volkoff of the F.C.C. Subject TBA.
APRIL 13	8:00 am	Flea Market, Foothill College, Los Altos

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

On January 3, 1985, Senator Barry Goldwater, K7UGA, introduced two resolutions. One of them (Senate Resolution 36), if adopted, will declare the sense of the U.S. Senate that the F.C.C. should affirm that state and local regulations must not unreasonably restrict communications from Amateur Radio stations. The other resolution pertains to the rights of citizens to erect and maintain television receive-only (TVRO) satellite dishes. The Amateur Radio resolution will send a clear message to the F.C.C. that favorable action on PRB-1 (the League's request for federal preemption of restrictive local antenna ordinances) would meet with the approval of the U.S. Senate. Your support, and the support of your Senator, is needed to ensure it is adopted.

The resolution reads: "Resolution - To express the sense of the Senate relative to unduly restrictive state and local regulation of amateur radio antennas.

"Resolved, That it is the sense of the Senate that, consistent with the policy of the United States to recognize and enhance the value of the Amateur Radio Service as a voluntary noncommercial communication service which provides public service and emergency communications, the Federal Communications Commission should affirm that state and local regulatory authority including, but not limited to, zoning, public safety or health authority, and authority, and authority to grant a license or permit, must be exercised so that it does not: (1) discriminate unreasonably among amateur radio antennas and other types of home communications and/or reception antennas, or (2) have the effect of prohibiting or frustrating the transmission or reception of amateur radio communications by Federally-licensed amateur radio stations, except as may be necessary to carrying out a clearly articulated and affirmatively expressed compelling governmental interest related to the health and safety of the community."

(Editor's Note: The above article was reprinted from the January 17, 1985 A.R.R.L. Letter. As stated, it us up to

us to see that SR-36 is implemented. California's U.S. Senators are Alan Cranston and Peter Wilson. One may write to either (or both) at the following address: The United States Senate, Washington DC 20510.

EBARC 15-METER PHONE NET ENTERS SIXTH MONTH

The EBARC Phone Net has begun its sixth consecutive month of operation, with your faithful editor as net control. The EBARC Net was begun in early October, 1984, by Dave Lowrey (KB6APL) and myself after we noticed that no HF net existed in this area. The Richmond Radio Club Net and The Other Net had fallen by the wayside, and nothing had arisen to take their place.

Since Dave and I had been using 21.395 MHz regularly after upgrading to General Class, we selected this as our net frequency, too. Ironically, we had originally chosen 21.395 so as not to interfere with the aforementioned nets (21.255 and 21.400, respectively). We chose 9 pm Wednesday nights only because those nets had also met at that hour.

My objective was and is to conduct a net that is both enjoyable and informative. By keeping it under the wing of the EBARC, I felt a "nucleus" would more easily develop, a requirement for its survival. The Net is an opportunity for Club members to discuss the directions in which they would like to see the Club go, and for the leadership to get feedback from the members. The Net is unique in that participants have an opportunity to talk: many clubs' nets allow participants no more than the dubious privilege of announcing their callsigns. It is also unique in that HF---not VHF or UHF---is used. For many of us, little opportunity exists to use our HF gear---especially for groundwave communicating!

Besides Dave and myself, the mainstays have been Robert Dorsey (KA6WAG) and John Percival (KG6HU). Since the first of the year, Don Dunn (K6BJJ) and Doug Cain (N6JNK) have regularly checked in. This is by no means a complete list, as many other Club members and guests alike have checked in, from as far away as San Mateo.

Remember: 2100 local time, Wednesdays, on 21.395 USB. Hope to hear you next week!

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying
YAESU products
at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St Concord, CA 94520
(415) 685 7388

LOCAL VEC PROGRAM OFF TO GOOD START

As reported in last month's BLOWN FUSE, Woody Mertens N6LFW weathered the VEC license examination system in Pleasant Hill and came away with his interim General Class ticket. I was there with Woody the evening of February 1, since my wife Joanne (KB6GLM) was making the move from Novice to Technician Class. Because many amateurs are rightfully interested in the new testing procedures, I have decided to share my observations with the readers.

First, the tests are standardized. The VECs do not get to choose which 50 of the 500 possible questions to include in the written test. The tests are put together by the A.R.R.L., and are sent by mail to the VECs. Thus, fears expressed by some that it would be possible to purposely give easy tests, impossible tests, or play favorites are ill-founded. (One rumor making the rounds in DX circles has it that certain "jammers" have become VECs so as to give "Mickey Mouse" tests to other potential "jammers", thereby increasing their ranks. Hopefully, that rumor will be put to rest.) As with the old F.C.C. tests, there are a few trick questions in these tests, but most questions may be answered correctly with study and common sense.

The CW test is given in the same format as was used by the F.C.C., although entirely new QSOs are used. After the tape is played, a fill-in-the-blanks exam is handed out (again, just like the F.C.C. gave). Now, however, one may pass the exam in one of two ways. First, a score of 7 correct answers out of the 10 possible is a passing score. What is new (or, more accurately, resurrected from the old) is that one minute of perfect copy is a passing score, regardless of how many questions are answered correctly. I did hear comments that CW tests given elsewhere have not followed this format. Perhaps the A.R.R.L. has devised a variety of CW test formats. Whichever is the case, remember that the VECs have no control over the content or format of any test administered.

Having taken three tests from the F.C.C. in the past year, I can report that the volunteer examiner coordinators (at least those in Pleasant Hill, provided by the Mount Diablo Amateur Radio Club) are every bit as competent and efficient as the F.C.C. examiners were. As many people have mentioned, their attitude towards the test-takers is infinitely better. Although this may not be true of every examination center, we do have "competition" now, so by the word-of-mouth process one should be able to avoid the "bad apples."

The one complaint I heard from the VECs at Pleasant Hill was the tremendous amount of time required to set up and administer the program. If the EBARC contemplates involvement in this program, it would be wise to contact the MDARC (or other VECs) to get an accurate appraisal of the effort required of the volunteers.

FLEA MARKET BEGINS 1985 SEASON

The Bay Area's largest electronic flea market begins its 1985 season this month, with seven Saturdays on tap. Once again, it will be located in Parking Lot "C", Foothill College, Los Altos, near the intersection of El Monte Road and I-280. Held from 0800 - 1400 on the second Saturday of each month, the flea market has free admission to all buyers, and a mere \$5 charge to all sellers. The first date is March 9. This year, Novice through Extra exams will be held during the flea market! For information, call (408) 255-9000, or inquire on 145.27 MHz.

Treasurer's Report - February 1985

February Income:

Club Membership Renewals:	\$120.00
KA6MVL, W6F DU, WD6FRO, WB6QGT, K6HVU, KA6KZH, KA6GUC, KA6LMY, WD6AKC, K3MHD.	
ARRL Renewals:	90.00
K3MHD (3 years), KA6WAG (1 year)	
Auction Receipts:	21.25
Station Fund Donations:	1.50
Coffee Kitty Donations:	7.00
"Dinner Fund Donation" - K6AGD	10.00

Total Monthly Income: \$249.75

February Expenses:

<u>Blown Fuse</u> Printing:	\$52.56
<u>Blown Fuse</u> Postage:	20.00
ARRL Renewals:	86.00
Restaurant Bill for two guests:	29.60

Total Monthly Expenses: \$188.16

Central Bank Accounts: (As of 2/28/85)

Checking (General Fund):	\$965.98
Savings (Station Fund):	\$724.29

Thanks to Don NI6A, who paid for his own, for taking our two guest speakers out to dinner before the meeting. The speakers drove a long way, and their presentation was superb. It was our privilege to treat them. Thanks to Ed K6AGD for also helping.

Thanks to Bruce K3MHD and Robert KA6WAG for renewing their ARRL membership through the club. We get a \$2.00 commission for each such renewal. We are looking for club members who have let their ARRL membership lapsed for more than 5 years. We can get a \$5.00 commission for your renewal. Bob Wheeler KF6PD will be filling in for me at the March meeting. He will collect any incoming monies and write necessary checks for the monthly expenses.

Remember to feed the Kitty

Gordy

Gordon Parsons, NU6W
Club Treasurer

General Meeting Minutes
February 8, 1985

The meeting was called to order at 8:03PM by President Ed Arnold, K6AGD. Guests: R.L. Robinson, Dr. P.E. Turner and Ted Harris, N6IIU.

Upgrade: Woody Mertens, N6LFW, from Technician to General, and Joanne Streit, KB6GLM, from novice to Technician. Both upgraded Feb. 1st at Volunteer Exam sessions put on by the Mt. Diablo A.R.C. in Pleasant Hill. The possibility of E.B.A.R.C. starting a V.E. program was discussed. The club will wait and see how much interest develops in this area. It was mentioned that the F.C.C. has a recorded phone message with information on Volunteer Exams around the Bay Area.

Motions were made and approved to accept the Treasurer's Report and Jan. meeting minutes as published in the February issue of the Blown Fuse.

Guest speaker for the evening was Ted Harris, N6IIU, who gave a most interesting talk on Packet Radio. Packet is a digital operating mode which applies computer techniques to radio communication. Ted stated that Packet is 16 times faster than RTTY and is error free. Also, since each Packet station can serve as a simplex repeater, multiple hop communications can extend over long distances. In the near future there will be special Packet Radio satellite and nation-wide networking. An interesting demonstration of Packet transmission was given using a set of easily portable equipment. Any 2-meter radio can be used. Ted estimated there are some 150 to 200 hams now active with Packet radio in the Bay Area.

Emergency Service: Dave Tyler, N6DRT, described a new program for emergency repatriation of Americans living overseas. In this plan Amateur Radio is asked to handle communication for the large number of people who would arrive in Northern California in a few days time. Dave stressed the importance of participation in a future dam failure S.E.T. to test emergency communication sites.

Club Station: Bob Wheeler, KF6PD, announced he is moving to the southern East Bay area and wishes to resign as chairman of the Station Committee.

Don Simon, NI6A, reporting on the Richmond Red Cross station, says a battery charger is still needed and that new locks must be installed. Ideas for the wording on a WA6JSO memorial plaque were discussed. Newsletter: Al Streit, KG6HF, mentioned the significant cost of printing the Blown Fuse and said he will seek bids for lower printing costs. Several club members offered suggestions.

Don Simon urged the members to support Senator Barry Goldwater's resolution S.R. 36 by writing to our Senators. A motion was made and passed to print in the Blown Fuse the "ARRL Letter" article in support of S.R. 36.

Meeting adjourned at 10:45P.M.

John Percival KG6HU
Secretary

4TH ANNUAL ARRL COMPUTER CONFERENCE TO BE HELD IN S.F.

What many consider the most sophisticated, exciting, and beneficial mode of amateur radio, i.e., packet radio, will be the focus of attention at the Fourth Annual Computer Networking Conference sponsored jointly by the American Radio Relay League and the Pacific Packet Radio Association, Northern California's pioneering packet radio group. The conference will be held in conjunction with the Tenth West Coast Computer Faire which runs from March 30 through April 2 at San Francisco's Moscone Convention Center. The tremendous growth and interest in packet radio terminals, equipment, networks, and applications promises to make this conference one of the largest and best-attended.

The Conference and all the other activities of the Faire will be held inside the Moscone Center. To attend, you will need an entrance ticket to the Faire. All Faire visitors may attend the Conference at no additional charge. This Faire has been the premium computer fair in the entire nation for many years. The Faire hours for exhibits and sessions are 10 am to 6 pm daily. The A.R.R.L. Computer Networking Conference will be held Saturday, March 30, from 10:30 am to 6 pm in Room 232 in the East Wing of Moscone Center. The technical sessions are scheduled as follows:

(Please turn to Page 6, Column 2)

The A.R.R.L. has begun an intensive, five-year-long drive toward increasing its membership, with new incentives for affiliated clubs already promulgated, according to A.R.R.L. Volunteer Resources Manager Stephen C. Place, WB1EYI. In a letter dated January 23, 1985, Place informed the EBARC that, effective February 1st, each new A.R.R.L. member recruited by the EBARC will result in a \$5.00 commission for our club. This is a 150% increase over the \$2.00 commission paid for A.R.R.L. membership renewals generated by the EBARC.

As reported in the January issue of THE BLOWN FUSE, the A.R.R.L. has begun an unprecedented drive to increase substantially the numbers of both licensed amateurs and A.R.R.L. members, especially from among the younger age groups. Why the dramatic change from its former laissez-faire attitude? After a 15-year period in which technology was seen as the "bad guy" by trend-setters, high technology is once again fashionable, with a host of high-tech goodies available to the affluent consumer. Among these products are cellular mobile telephones, which use a portion of the UHF band. Demand for this product is predicted to explode, yet already there is a move to reallocate a large portion of the VHF and UHF bands --including the 1 $\frac{1}{2}$ -meter amateur band-- to cellular telephones.

The handwriting is on the wall, therefore, and the A.R.R.L. has begun its counter-attack. In order to stave off further attacks on the amateur VHF and UHF bands, ham radio must be seen as a growing hobby instead of a declining one. In order to defend better the interests of licensed amateurs, the A.R.R.L. itself must grow. Hence, the membership drive.

To qualify as a "new" A.R.R.L. member, one's last League membership must have expired prior to January 1, 1980. Anyone not currently a League member who wishes to join should contact Gordy Parsons, NU6W. This drive will last through the 1985 calendar year.

ARRL PACKET MEET IN S.F. (Continued):

- 10:30 Keynote - Paul Rinaldo W4RI
- 10:45 Packet Primer - Pete Eaton WB9FLW
- 11:30 Applications of Packet Radio
- 12:00 Panel Discussion: Applicati
- 12:30 Lunch - To Be Announced
- 1:30 Technical Papers on Packet Radio & Digital Communications (Part I)
- 3:15 Technical Papers on Packet Radio & Digital Communications (Part II)
- 6:00 End of Technical Sessions
- 8:00 Conference Dinner - To Be Ann.

A voice coordination frequency has been approved through the courtesy of the Telephone Pioneers Repeater Group on 146.79 MHz, coupled to 443.100 MHz. Local packet activity will be on 145.01, 145.03, 145.05, 145.09, 146.58, and 223.58 MHz.

All Sessions are open to the public, and persons with no previous knowledge of packet radio systems and procedures are welcome to sit in and learn what they can about this new area of personal computer networking. On-site registration for all four days of the Faire is only \$20. On-site registration for one day is only \$12. A special pre-registration fee (through arrangements with the A.R.R.L. and the Faire) of \$20 will purchase a four-day ticket to the Faire and a complete set of the A.R.R.L. printed proceedings of the Computer Networking Conference. For the special pre-registration price, checks must be received before March 16, payable to H. Magnuski, 311 Stanford Avenue, Menlo Park CA 94025 (telephone 415-854-1927). Any questions about the Computer Faire itself may be directed to Computer Faire, Inc., 611 Veterans Blvd., Redwood City CA 94063, telephone 415-364-4294.

(Article by Don Simon NI6A)

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate \$12 per year. Please send all CHANGE OF ADDRESS notices to Al Streit KG6HF at this address, or contact by telephone at (415) 526-5743.

All Articles by Al Streit KG6HF except where otherwise noted.

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in West Contra Costa and Northern Alameda Counties, and is open to anyone with an interest in amateur radio! Annual dues are \$12, payable in January. Write or call any Club official listed below for further information!

EXECUTIVE BOARD

Ed Arnold, K6AGD, President	223-7967
Bob Wheeler, KF6PD, First Vice President	232-8048
Dave Lowrey, KB6APL, Second Vice President	655-9309
Al Streit, KG6HF, Third Vice Pres. & Blown Fuse Editor	526-5743
John Percival, KG6HU, Secretary	232-8111
Gordy Parsons, NU6W, Treasurer	785-4920
Ray Ahlberg, N6DIG, President Emeritus & CCRC Rep.	525-8858
Betty Baldo, KB6P	653-1650
Grant Calhoun, N6XP	233-0566
Steve Dodge, K6ZR	233-5833
Carl Eastman, KA6OLK	237-2621
Leo Lewis, WA6ZFY	233-0301
Sam Mason, WD6FIM	526-5104
Don Simon, NI6A	237-1381
Don Waits, WD6DLR	529-1785

COMMITTEE CHAIRMEN

Program	Bob Wheeler, KF6PD	232-8048
Fund Raising	Gordy Parsons, NU6W	785-4920
Club Station	Bob Wheeler, KF6PD	232-8048
W6CUS Trustee	Joe Lee, WB6DOB	724-0533
Field Day	Dave Lowrey, KB6APL	655-9309
Emergency & Public Service	Dave Tyler, N6DRT	525-6200
Publicity	Peter Gaposchkin, KB6WC	540-0671
Education & Upgrade	Don Waits, WD6DLR	529-1785
Membership & Hospitality	Al Streit, KG6HF	526-5743
Technical	Steve Dodge, K6ZR	233-5833
Legal & Finance	Grant Calhoun, N6XP	233-0566
Historian	Don Dunn, K6BJJ	526-7136
Constitution	Steve Dodge, K6ZR	233-5833

NETS

East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115 MHz
East Bay Amateur Radio Club Phone Net	Weds	2100	21.395
Alameda County RACES Net	Monday	1900	147.240
West Contra Costa County RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast & Commute Net	M-F	0700	145.110
Northern California VHF Traffic Net	Daily	1930	145.410
Northern California CW Traffic Net	Daily	1900	3.630
Northern California Slow CW Traffic Net	Daily	2030	3.630
Region Six SSB Traffic Net	Daily	1045/1530	7.275
Region Six CW Traffic Net	Daily	1945/2130	3.655

6 STORE BUYING POWER!!!

HAM RADIO OUTLET

FOR THE VERY BEST DEAL ON EVERY COUNT!

- **BARGAIN PRICES** CHECK HERE FIRST.
START OUT WITH THE BEST PRICE.
- **TOLL-FREE PHONE: 800-854-6046**
INCLUDING ALASKA AND HAWAII CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT STORE NEAREST YOU
- **FREE SHIPMENT** MOST ITEMS. U.P.S. SURFACE.

KENWOOD

TS-930S



PAY REGULAR PRICE OF \$1599

RECEIVE FREE

YOUR CHOICE OF

TH-21AT and HMC-1

2 MTR HANDHELD REG \$229.99 MIKE HEADSET REG. \$39.95

OR

AT-930 and MC-60A

ANT. TUNER REG \$199.95 MIKE REG. \$79.95

PLUS FREE U.P.S.

KENWOOD

TW-4000A



PAY REGULAR PRICE OF \$599.95

RECEIVE FREE

YOUR CHOICE OF

ANY 2 OF THE FOLLOWING

1) **VS-1 VOICE SYNTHESIZER**
\$39.95 VALUE

2) **TU4-C SUB-AUDIBLE**
\$39.95 VALUE

3) **MA-4000 DUO-BAND**
MOBILE ANTENNA. \$44.95 VALUE

ALL THESE LINES IN STOCK

AEA • ALLIANCE • ALPHA • AMECO • AMPHENOL • ANIXTER MARK • ANTENNA SPECIALISTS • ARRL • ASTRON • BASH • BELDEN • BENCHER • BIRD • BUTTERNUT • B & W • CALLBOOK • CENTURIAN • COLLINS • COLUMBIA • CURTIS • CUSHCRAFT • DAIWA • DRAKE • DX EDGE • EIMAC • GILFER • HAL • HUSTLER • HY GAIN • ICOM • JSC • J. W. MILLER • KANTRONICS • KENWOOD • KLM • LARSEN • LUNAR • METZ • MFJ • MICRO-LOG • MINI-PRODUCTS • MIRAGE • NYE • PALOMAR • ROHN • SHURE • SIGNAL-ONE • STONER • TEMPO • TEN-TEC • TRISTAO • TRI-EX • VAN GORDON • VOCO • VIBROPLEX • WEST • YAESU and more

TOWER/ANT./ROTOR PACKAGE SALE

MA-40 TRISTAO 40' TUBULAR

\$699 VALUE

A-3 CUSHCRAFT TRI-BANDER

\$299 VALUE

HD-73 ALLIANCE ROTOR

\$139 VALUE

75' BELDEN RG/8 COAX and 8 COND. CABLE \$70 VALUE

A TOTAL VALUE OF \$1207

YOUR PRICE \$899

FREIGHT ON TOWER ONLY



YAESU

FT-209RH

PAY REG. PRICE OF \$349.95

RECEIVE FREE

FTS-6 ENCODER/DECODER
\$49.95 VALUE

TRISTAO

MA-40, \$549

MA-550, \$899

TRI-EX

W-51, \$899

LM-354, \$1599

MIRAGE

B-3016 SALE \$199.95

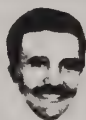
B-1016 SALE \$249.95

B-108 SALE \$159.95

B-23A SALE \$89.95

D-1010 SALE \$289.95

PERSONALIZED SERVICE



BOB FERRERO, W6RJ

President.

JIM RAFFERTY, N6RJ

VP. So. Calif. Div., Anaheim.

Managers:

GEORGE, WB6DSV *Burlingame.*

DON, N6IPE *Oakland.*

BOB, K7RDH *Phoenix.*

GLENN, K6NA *San Diego.*

AL, K6YRA *Van Nuys.*

and other active amateurs to serve you.



ICOM

IC-751



PAY REG. PRICE OF \$1399

RECEIVE FREE

IC-2AT HANDHELD

\$269.50 VALUE



ICOM

IC-02AT

PAY REG. PRICE OF

\$349

RECEIVE FREE

IC-BP8 BATTERY

\$63 VALUE



SIX LOCATIONS

ANAHEIM, CA 92801

2620 W. La Palma,
(714) 761-3033, (213) 860-2040,
Between Disneyland and
Knott's Berry Farm

BURLINGAME, CA 94010

999 Howard Ave.
(415) 342-5757,
5 miles south on 101 from
San Francisco Airport

OAKLAND, CA 94609

2811 Telegraph Ave.,
(415) 451-5757,
Highway 24 Downtown.
Left 27th off-ramp.

PHOENIX, AZ 85015

1702 W. Camelback Road.
(602) 242-3515,
East of Highway 17

SAN DIEGO, CA 92123

5375 Kearny Villa Road,
(619) 560-4900,
Highway 163 and Clairemont
Mesa Boulevard

VAN NUYS, CA 91401

6265 Sepulveda Blvd.
(818) 988-2212
San Diego Freeway at
Victory Boulevard

STORE HOURS: 10AM to 5:30PM Mon. thru Sat.

Prices, specifications, descriptions subject to change without notice. Calif. and Arizona residents please add sales tax.



QLF

EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE

April 1965



**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**

FIRST CLASS MAIL

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

APRIL 12	7:30 pm	W6CUS Station opens
	8:00 pm	EBARC Meeting. Guest speakers: Amy Freundlich & S. Marti-Volkoff, F.C.C. Subject: F.C.C. Complaint Handling
APRIL 14	8:00 am	Flea Market, Foothill College, Los Altos
APRIL 14-20		Earthquake Awareness Week
APRIL 18	TBA	Berkeley Red Cross/ARES drill
APRIL 20	10:00 am	Richmond Red Cross/RACES drill

**THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second
Friday of each month at the Salvation Army Church, 1110 36th St. (at
Rheem Ave.), Richmond, CA**

Saturday, March 30, San Francisco's new Moscone Center witnessed a turnout of over one thousand hams from all over the world to attend the fourth annual A.R.R.L. Computer Networking Conference held from 10:30 am to 5 pm at the West Coast Computer Faire. EBARC members seen floating around the Faire were N6EEG, K6APW, NU6W, KA6OLK, NI6A, KG6HF and N6LSV! The A.R.R.L. had a large exhibit booth in the center of the Faire manned by members of the Pacific Packet Radio Society who sponsored the conference. 1985 handbooks were on sale, as well as satellite handbooks, the published papers of this and other conferences, the packet radio AX.25 protocol, etc.

At the ARRL/PPRS booth, demonstrations were given of packet radio operations on 2 meters and 220 MHz. There were two 9600-baud working stations on 220 MHz demonstrating amateur radio ingenuity in obtaining such high baud rates for under \$30 per modem! Many old-timers prospective hams, and computerists came by the booth and were awed when they saw the linking maps showing the 24-hour-per-day 2-meter links on packet all the way to San Diego and throughout the San Joaquin Valley. Free literature was handed out about how to become a ham, and also on packet radio. The booth was operated for four days demonstrating amateur packet radio to tens of thousands of people.

The conference itself took place on Saturday only. There were over twenty papers and talks given with over 1,000 hams attending. Highlights included The \$30 9600-baud Modem, by K9NG; Packet Radio for Distance Teaching in the Third World, by KA7TQW; Packet Radio and the National Hurricane Center, by KI4T; Computer Networking in Japan, by W4UCH; Addressing and Routing Issues, by KA9Q; and others.

After the Conference dinner, there was a Westnet meeting with over forty attending. Paths and links to Nevada, Oregon, and Northern California were planned to be completed by the end of the summer. Westnet is already linked to the Valley and Southern California on a 24-hour basis. It was also decided that Westnet will establish a 9600-baud backbone 22 MHz link between Southern and Northern California, utilizing the surplus inexpensive Xerox 820 computer boards as a dual-ported digipeater and K9NG's 9600-baud modem. Westnet promises to bring us together through reliable redundant VHF/UHF links 24 hours per day throughout the continent within the next two years! This will be the result of tremendous amounts of time and effort expended by experts in software network design, repeater site acquisition, and maintenance.

On Sunday, March 31, at 10 am the A.R.R.L. Digital Communications Advisory Committee met at the Hotel Union Square to discuss the future and projected needs pertaining to packet radio. Many topics and projects were discussed and defined pertaining to AMSAT packet radio satellites, JAMSAT packet radio, level-three network codings, transceiver turnaround time, F.C.C. regulatory issues, HF packet modem testing, and many other technical issues. The meeting was ably administered by Paul Rinaldo (W4RI), editor of QST and the Conference host. The next Conference, "The Fifth Annual A.R.R.L. Computer Networking Conference," will be held in Orlando, Florida in March, 1986.

(By Don Simon, NI6A)

NOVICE CLASSES SLATED

EBARC Education Chairman Don Waits (WD6DLR) has announced the beginning of the long-awaited Novice CW classes later this month. These classes are designed to teach International Morse Code to the beginner, for the purpose of passing the 5 wpm code test.

Classes begin Tuesday, April 23rd. A total of ten classes will be held over a five-week period. The plan is to hold them each Tuesday and Thursday evening from 7:30-10:00 pm, with Thursday, May 23 the final session. The location is the American Red Cross center, Macdonald Avenue at 32nd Street, Richmond (in the rear building).

Don will be conducting the classes with the assistance of Tony Slattery (KA6NZB). Anyone interested should contact Don at 529-1785, or Tony at 893-4008. Further details and last-minute changes will be announced at the April 12 EBARC meeting.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St Concord CA 94520

(415) 685 7388

F.C.C. REPRESENTATIVES TO SPEAK

The April 12 meeting of the East Bay Amateur Radio Club will feature a visit by representatives of the San Francisco Office of the Federal Communications Commission: S. Marti-Volkoff, Engineer-in-Charge, and Amy Freundlich, Public Service Specialist. Their topic will be "Complaint Handling," although they will set aside much of their time to answer questions from the audience. Ms. Freundlich and "Mr. Marti" are no strangers to Bay Area hams, having primary responsibility for investigating complaints by (and about) amateur radio operators.

If you have any questions regarding enforcement procedures, the level of service we may expect from the F.C.C. in an era of "deregulation," or anything else pertaining to the F.C.C. and amateur radio, now is the time to get answers. It promises to be one of our liveliest and most informative meetings ever!

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 year, and is free to EBARC members. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given. All articles by Al Streit (KG6HF) except where noted.

1985 MEMBERSHIP HIGHLIGHTS

The East Bay Amateur Radio Club begins 1985 with 58 paid members. A complete membership roster is shown on page 6. What do we know about ourselves? First, we continue to be a club of Richmonders and Berkeleyans primarily, in spite of our "area-wide" name. Of the 58 members, 36 (62.1%) reside in west Contra Costa County (El Cerrito, El Sobrante, Hercules, Kensington, Pinole, Richmond, and San Pablo), while 16 (27.6%) live in northern Alameda County (Albany and Berkeley). The remaining 6 live in Oakland (3), San Leandro (1), Hayward (1), or San Francisco (1).

Nearly 3/4 (74.1%) of the EBARC members hold general-class licenses or higher. Two members are not licensed, while the remainder is split pretty evenly between technician and novice classes.

The average club member is 58 years old, with the median age being 60. This compares with the nationwide average age of 49 according to A.R.R.L. statistics.

License Class

Novice	6	10.3%
Technician	7	12.1
General	20	34.5
Advanced	9	15.5
Amateur Extra	14	24.1
Unlicensed	2	3.4
	58	100.0%

Residence

West Contra Costa	36	62.1%
Berkeley-Albany	16	27.6
Oakland	3	5.2
Southern Alameda	2	3.4
San Francisco	1	1.7
	58	100.0%

Age

40 & Under	10	17.9%
41-50	9	16.1
51-60	8	14.3
61-70	15	26.8
Over 70	14	25.0
	56	100.0%

(Age information unavailable for two members.)

(Editor's Note: This article is reprinted from the April issue of Worldradio. The Yaesu 757 GX transceiver has become extremely popular since its introduction. Club members who are contemplating the purchase of this model would do well to stay clear of any "great deal" that is offered to them.)

Yaesu 757 GX radios, considerably different from those being advertised nationally, are showing up in the Midwest. A serial number check with Yaesu headquarters in Paramount, California, confirmed these radios are illegal. They are not made for export. Apparently, someone has imported the sets illegally and is passing them off on unsuspecting amateurs. Radios can be purchased in Japan, and stripped down models even cheaper.

The radios are identical in appearance externally, but do not have the CW filter, won't work on the WARC bands, have no warranty, and will not be serviced by the Yaesu repair centers in the USA. The manuals are also different from those with the "Made for Sale in USA" models. The shipping containers indicate the radios must be returned to Japan for servicing. However, this marking could be easily removed or covered.

The Yaesu headquarters people estimated it would cost about \$150 to bring the illegal radios up to specifications. It is unknown how many of these radios have been brought into the country, but three showed up in the Dayton area during January. These were not purchased from legitimate Yaesu dealers.

So, know your dealer and beware of guys who may have a "real deal" for you.

(by Robert McKay, N8ADA)

LIMIT ON THIRD-PARTY PARTICIPATION?

The Federal Communications Commission has proposed an amendment to Part 97 to specifically prohibit third-party participation in amateur radio communications by anyone who has had his or her license suspended or revoked. This proposal is the subject of a Notice of Proposed Rulemaking in PR Docket 85-51.

(Continued next column)

There have been a number of instances over the past several months where such individuals have been third-party participants under the control of properly-licensed amateurs, as currently permitted under §97.79(d). According to F.C.C. Special Services Division Chief Robert Foosaner, such persons are "not in the class of persons intended to be exposed to amateur radio by virtue of §97.79(d)." However, nothing exists at present in Part 97 to prohibit their participation.

This "loophole" proved embarrassing to the F.C.C. last year when Gary Kerr, ex-WA6JIY, was charged with contempt when he was heard participating in an amateur radio communication after having been enjoined from any "broadcast or transmission" over amateur radio. These charges were dropped when, much to their chagrin, the government's attorneys discovered that third-party participation is neither broadcasting nor transmitting and--as a result--Kerr's action violated neither Part 97 nor the injunction!

The F.C.C. proposal would amend §97.114 by adding participation by those whose license has been revoked or suspended to the list of prohibited third-party participation. Under the amendment, any licensed amateur allowing this participation at his or her station would be in violation of Part 97.

Comments on this proposal are due by May 14, 1985. An original and five (5) copies must be sent to The Secretary, Federal Communications Commission, Washington, DC 20554.

SPACE SHUTTLE AUDIO RETRANSMISSION

The Goddard Amateur Radio Club (WA3NAN) at the N.A.S.A. Goddard Space Flight Center in Greenbelt, Maryland, retransmits live space shuttle audio. Coverage begins within the hour before liftoff, and continues through the flight and until about an hour after landing. WA3NAN will not be on the air during astronaut sleep periods.

The following frequencies are used: 3860, 7185, and 14,295 kHz SSB. WA3NAN operates under a blanket waiver of §97.113 issued by the F.C.C. for the duration of all Space Shuttle flights.

(Reprinted from The ARRL Letter)

Treasurer's Report - March 1985

March Income:

Club Membership Renewals:	\$72.00
W6JKY, WA6BKF, WD6FRO, KB6BYQ, K6HYS	
New Member:	12.00
Robert L. Robinson "Robby" (No Call Sign)	
P.O. Box 724	
El Sobrante, Ca 94803	
231-2728	
Coffee Kitty:	6.02
<hr/>	
Total Of Monthly Income:	\$90.02

March Expenses:

No expenses reported for the month

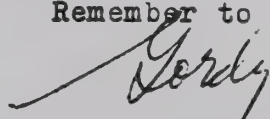
Central Bank Accounts: (As of March 25, 1985)

Checking (General Fund):	\$1056.00
Savings (Station Fund):	724.29

Long time members should take note of the size of the bank accounts. It wasn't long ago that we were operating in the red! Our monthly auctions and raffles have done much to turn the situation around. Please continue to bring in things to sell at the club auctions. There is emergency and field day equipment to buy in the future; so our funds need to keep growing.

Remember to renew (or join) your ARRL membership through the club. We get a \$2.00 commission for it. The American Radio Relay League does much for us as individuals and as a club.

Remember to feed the Kitty


Gordon Parsons, NU6W
Club Treasurer

Editor's Note: The Minutes of the March 8 meeting were received subsequent to the deadline for publication. They will be printed in the May edition of THE BLOWN FUSE.

QLF

EAST BAY AMATEUR RADIO CLUB

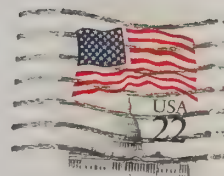
W6CUS

THE BLOWN FUSE



MAY 1985

**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



FIRST CLASS MAIL

Woody Mertens N6LFW
1850 San Pedro Avenue
Berkeley CA 94707

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

MAY 10	7:30 pm	W6CUS Station opens
	8:00 pm	East Bay A.R.C. Meeting
MAY 11	8:00 am	Flea Market, Foothill College, Los Altos
MAY 14	7:30 pm	Novice Code & Theory Classes continue! Richmond Red Cross (rear building) 32nd & MacDonald, Richmond
JUNE 14	8:00 pm	East Bay A.R.C. Meeting Topic: Field Day 1985
JUNE 22		FIELD DAY!

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:08 pm by President Ed Arnold K6AGD. Guests Introduced: R.L. Robinson, Larry Doyle (WB6CTQ), and Paul Mason (WA6EUZ). Education: Don Waits (WD6DLR) reports that Novice classes have not been started yet. He feels that classes are best held twice a week. Don Simon (NI6A) says the Richmond Red Cross building would be available to the Club for giving classes.

Club Station: Don Simon reported that an agreement between the EBARC and the Richmond Red Cross had been signed by all except the R.R.C. head officer who was out of town. Don commented that the old Richmond Radio Club had built a fine ham station facility at the Red Cross.

Public Service: Don Simon asked for volunteers to participate in a Red Cross emergency drill during the week of April 15th. This will be a joint effort by Richmond and Berkeley to demonstrate emergency communications.

History: Club Historian Don Dunn (K6BJJ) reminds members that he always welcomes any old material relating to Club history.

Club Treasury: Bob Wheeler (KF6PD), reporting for Gordy Parsons (NU6W), mentioned that the Club checking account now contains nearly \$1,000. He suggested the Club may choose to move about half of this into the savings account to increase interest earnings. It was suggested that the General and Station funds be kept separate on paper even if they are partially combined in the savings account. This matter will be considered and any action voted upon at a future meeting.

Program: Guest speaker for the evening was Paul Mason (WA6EUZ), who spoke about his experiences operating amateur radio on the 1974 voyage of the Golden Hinde. This square-rigged replica of Sir Francis Drake's ship sailed from England to San Francisco through the Panama Canal. Paul operated two SSB rigs and one VHF rig using the call-sign WA6EUZ/MM. He worked about eighty countries during the voyage using low power and daily operating time limited to about two hours or less. Paul's account of many amusing moments during the voyage made for a very interesting and entertaining presentation.

Meeting adjourned at 9:31 pm.

John Percival (KG6HU), Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:03 pm by President Ed Arnold (K6AGD).

Guests Introduced: Ray Johnson, Al Norman, Sam and Irene Jacobs, Wendy Heller, Addison Lake (KB6ICE), Amy Freundlich, and S. Marti-Volkoff.

Treasurer: The Treasurer's Report was accepted as published in the April BLOWN FUSE.

Speakers: Guest speakers for the evening were S. Marti-Volkoff and Amy Freundlich of the F.C.C. "Marti" opened his talk with the statement that they are in the "complaint business." Interference cases are handled on a priority basis, with life and safety considerations placed first. The leading source of complaints is improper and illegal CB radio operation. The S.F. office has only 2 supervisors and 3 field engineers for Northern California. There are now about 56,000 amateur radio operators in California. The best way for amateurs to assist the F.C.C. in complaints against jammers is to provide specific information (names, callsigns, locations, times, etc.). Marti said the F.C.C. respects candor and cooperation on the part of violators, but will take strong action against those who will not cooperate. He closed his remarks by saying the intent of the F.C.C. is not punishment, but to achieve compliance with regulations. Amy then spoke about how complaints are handled. The S.F. office receives 200-250 complaints every month. Amy described the form letter the F.C.C. sends to amateurs who are the subject of home entertainment equipment interference complaints. She expressed a desire to coordinate better with radio club TVI committees. The subject of complaints by amateurs against cable TV companies was also discussed.

Public Service: Don Simon (NI6A) announced the emergency communications test for the Berkeley Red Cross on April 18, and for the Richmond Red Cross on April 20. He mentioned that there is no Emergency Coordinator for West Contra Costa County.

Field Day: No information was available regarding the 1985 Field Day plans. Robert Dorsey (KA6WAG) expressed willingness to help find a site.

Education: Novice code & theory classes will begin April 23rd.

Club Station: Don Stiver (N6EEG) will take over as Chairman of the Station Committee

(Please turn to Page 4, Column 1)

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685-7388

ROBERT CONLEY WA6DQO

(1913 - 1985)

SILENT KEY

East Bay Amateur Radio Club member Bob Conley (WA6DQO) passed away on Wednesday, May 1st. The news was given to the Bay Area amateur radio community by his son, Michael Conley (N7EM) of Sherman Oaks, Cal.

I became acquainted with Bob during the past year through our mutual involvement in Northern Alameda County A.R.E.S. He struck me as a quiet, unassuming person, one whose efforts could easily go unnoticed. Although he attended EBARC meetings regularly, he never assumed any official role with our Club. However, when local amateurs were asked to form an ARES group in Berkeley, Bob was there. When leadership was needed to get NALCO ARES off the ground, Bob was there. Although not in good health, he served as the charter President of NALCO ARES in 1984, stepping down in December only when forced to do so by major surgery.

The amateur radio community has lost a friend, a worker, and a leader. The East Bay Amateur Radio Club will miss Bob Conley.

YOUR INPUT NEEDED ON FIELD DAY SITE

Robert Dorsey (KA6WAG) has asked EBARC members for their ideas regarding this year's Field Day location. Field Day will be held, as always, on the fourth Saturday in June, which falls on June 22nd this year. Robert was asked by EBARC President Ed Arnold (K6AGD) to locate a site for the Club, a move prompted by the resignation of Dave Lowrey (KB6APL) as Field Day Chairman.

Robert told THE BLOWN FUSE that he has been in contact with officials of the East Bay Regional parks District, and will be able to secure the same site as was used in 1984. That, you will remember, is located next to the EBRPD offices at 11500 Skyline Blvd. in Oakland. However, like last year, the Club is facing a \$100 fee for the site. Robert will outline the alternatives during the May 10 meeting.

Lest we forget, Robert was our Field Day Chairman in 1984, and spearheaded our most successful Field Day in many years. We owe him a debt of gratitude for stepping in at this time. Let's all do what we can to support Robert's efforts, and make Field Day 1985 another success!

///

DAVE TYLER CHOSEN BY E.C.A.C.

Dave Tyler (N6DRT), who has been holding down enough emergency positions to bury most of us, has been appointed by A.R.R.L. Pacific Division Director Bill Steven (W6ZM) to the National Emergency Communications Advisory Committee. This Committee is the major body which recommends to the A.R.R.L., A.R.E.S. and emergency preparedness policies. There is only one appointee for each Division. Coupled with Dave's other appointments as Chairman of the Red Cross Communications Advisory Committee for Western Operations Headquarters and Assistant Section Emergency Coordinator for the East Bay, and many other groups not worth mentioning here, ain't that enough, Dave? CONGRATULATIONS, Dave, and THANKS!!!

(by Don Simon NI6A)

///

FOR SALE

HALLICRAFTERS SX-100 General Coverage Receiver (500 kHz - 34 MHz), with notch filter. Excellent condition! Manual included. Jack Frost (K6HYS) 758-2069.

GENERAL MEETING MINUTES
April 12, 1985 (continued)

Publicity: Peter Gaposchkin (KB6WC) has been exploring the possibilities of starting or participating in a Volunteer Examination program.

Don Simon (NI6A) suggested we might try to establish a club RFI/TVI committee. Robert Dorsey (KA6WAG) offered to share his experience in this area and would be willing to serve on such a committee.

An auction followed the adjournment of the meeting at 10:00 pm.

John Percival (KG6HU), Secretary

JOE LEE EARNS FIVE-BAND W.A.S. & B.P.L.

Joe Lee (WB6DOB) doesn't tell many people this, but he recently finished a long-range project that, to my knowledge, is a first for the EBARC. He finally received his Five-Band Worked All States Award! Not only is this an awesome task (it takes a lot of listening) but Joe did it the hard way---ALL ON CW!!! As it's increasingly rare to hear activity on CW nowadays compared with phone, this accomplishment by an EBARC member adds one more notch to our pride in being associated with such fellow operators. Joe also earned the Brass Pounder's League Award this last December. This is the highest honor a trafficker can receive short of the B.P.L. Medallion, and represents many, many hours of work. It is a select club, and Joe's XYL, Stella, can testify that she is glad this ordeal is over! Next year, maybe Joe will do it using packet radio so that he can entertain the XYL and let the computer do the work.

(by Don Simon NI6A)

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to EBARC members. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given. All articles by Al Streit (KG6HF) except where noted.

DON STIVER TAKES REINS OF CLUB STATION

Bob Wheeler (KF6PD) has held down two jobs for the EBARC for the past two years (Vice President and Club Station Chairman), and has successfully seen the EBARC through a successful growth period regarding the Club Station at the Salvation Army. Bob has recently moved to San Leandro (closer to work) and felt he could not do justice in the role of Club Station Chairman. He nonetheless held the position until a suitable replacement could be found. Don Stiver (N6EEG) has graciously accepted the responsibility, and looks forward to maintaining the existing equipment as well as developing new equipment for the Red Cross station. Thanks both to Bob and Don for their efforts!!!

(by Don Simon NI6A)

NEW TELEPHONE INSTALLED AT CLUB STATION

A long project goal had been the installation of a telephone in the W6EJA Memorial Station Radio Room (W6CUS). Bob Phelps (WB4DWU) had done the cabling a month ago, but no telephone had been found. At the April meeting, Bob brought a very good quality telephone which Joe Lee (WB6DOB) quickly wired in. The telephone is stored inside the equipment cabinet. Thanks, Bob, for making this project possible!

(by Don Simon NI6A)

LBL DISASTER TEST UTILIZES HAM RADIO

On April 17th, Lawrence Berkeley Laboratories simulated a disaster scenario relating to Earthquake Preparedness Week. The Amateur Radio Net was run from the L.B.L. Radio Station by Don Stiver (N6EEG) as net control. EBARC members heard checking in were Ed Arnold (K6AGD), Don Simon (NI6A), Woody Mertens (N6LFW), Robert Dorsey (KA6WAG), Graeme Welch (W6JRZ), as well as NALCO ARES members Ed Caine (KA6OFR) and Jim Johnston (K6APW). If you are interested in helping out with L.B.L. emergency communications and work at the Lab, contact Don Stiver (N6EEG), Assistant Emergency Coordinator for L.B. with NALCO ARES.

(by Don Simon NI6A)

Treasurer's Report - April 1985

April Income:

Membership Renewals (Late):	\$48.00
WB6IBU, KB6WC, AI6S, KB6P	
ARRL Membership Renewals:	\$95.00
WD6DLR (3 years)	
NW6E (1 year)	
KB6WC (1 year)	
Auction Sales:	\$35.00
(Proceeds go to the station fund)	
Coffee Kitty:	\$4.80
Total Monthly Income:	\$182.80

April Expenses:

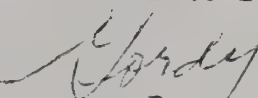
Blown Fuse Printing (March):	\$37.01
Blown Fuse Postage (March):	17.38
Blown Fuse Printing (April):	39.30
Blown Fuse Postage (April):	16.94
Battery:	80.19
Battery Charger:	42.59
Plaque (WA6JSO Memorial for Red Cross Room):	35.04
ARRL Renewals:	89.00
Total of Monthly Expenses:	\$357.45

Central Bank Accounts (As of 4/22/85):

Checking (General Fund):	\$846.35
Savings (Station Fund):	\$759.29

Thanks to those who renewed their ARRL membership through the EBARC; we picked up \$2.00 each for their consideration. It helps. Our auctioneers, Don and Woody, did a good job in selling off the donated merchandise (junk?); the station fund is \$35 richer for it. To those who bought all those little goodies it will be a real challenge to put some of that stuff together, and make something of it. NI6A may convert his new PA loud speaker into a wastepaper basket if nothing else!

Remember to feed the Kitty


Gordon Parsons, NU6W
Club Treasurer

Editor-Blown Fuse:

Firstly would like to thank you for keeping THE BLOWN FUSE going. It's really looking good and I think you can feel proud of it.

I do want to put in a pitch for a few changes, however. Firstly, the last BLOWN FUSE was full of nice and interesting articles dealing with F.C.C. rules and regs, to flea markets, to packet radio, etc. but nothing about our City of Richmond demo or the City of Berkeley disaster drill nor the Red Cross Thursday evening disaster drill, except for on the calendar. Personally, I think these are more important to publicize than flea markets or packet radio, etc. Many cannot attend the Club meetings but can help out. If we had a small article about the Berkeley test and the Richmond demo with a phone number to call for volunteers, it would be helpful to get others to volunteer and participate. I hope that you will give public service top priority in the future issues. It is also good to publicize the April 18 Thursday evening test with the Red Cross, as many would be interested in listening in, and also it would hopefully be positive PR for amateur radio. I do not know if these omissions were oversights or just your own priorities, so hence this letter.

Secondly, there are a few corrections to the net frequencies as THE BLOWN FUSE is giving out the incorrect info on a few. The Northern Cal Net VHF Session is meeting on 145.490 MHz now and not 145.41 MHz. The correct name of the net is Northern California Net VHF Session. Likewise the correct name for those following are: Northern Calif Net, Northern California Net Slow Speed, Sixth Region Net Daytime, and Sixth Region Net Evening. You have the incorrect time for the Sixth Region Net Daytime. Correct times are 0945/1530. Everything is correct, as far as I can see.

Lastly, you are missing one chairman in the lists of Committee Chairman. Joe Lee (WB6DOB) is Awards Committee Chairman. Hope you can make these changes with the easiest method.

73 - Don Simon (NI6A)

Don: Thank you for your thoughts regarding THE BLOWN FUSE. In all sincerity, I know of no one who contributes as much to amateur radio as do you. Your energy is literally boundless, and your participation covers

nearly all facets of this hobby. Your kind words, as well as your constructive criticisms, are both encouraging and appreciated.

Regarding the main thrust of your letter, I know that I have often found myself at a loss to describe the type of organization the East Bay Amateur Radio Club is. We are literally a "full service" ham radio club, encompassing all aspects of amateur radio. My hunch is that many (if not most) of our sixty members belong to at least one other radio club. Why? While other groups focus on narrow aspects of this hobby, e.g. VHF-UHF repeaters, DX, traffic handling, packet radio, public service, etc., any one of which may be of greater importance to the particular individual, the EBARC provides the licensee with a means to stay in touch with all aspects, the "big picture," if you will.

While not wishing to deny the importance of public service, I personally would hesitate to say that it is more important to this Club or its membership than are other aspects of the hobby. Within the Richmond-Berkeley area there exist two organizations which are devoted exclusively to public service: West Contra Costa County RACES/ARES and Northern Alameda County ARES. One would certainly expect their newsletters to consider public service the most important topic to publicize. I'm not so sure the same is true of THE BLOWN FUSE.

If one accepts the premise that the newsletter should reflect the interests of the club and its members, he can appreciate the decisions I have to make each month. We are a club of varied interests, and I would hope THE BLOWN FUSE has reflected successfully this diversity. I recognize, however, that my own interests will dictate the choices to some extent, albeit unconsciously, which brings me to my next point.

Responsibility for content is a two-way street. I don't pretend that I haven't the responsibility to seek out particular stories. I have, in the past, contacted key people in the Club to obtain information which eventually became articles. However, in a club this size, there are going to be events of general interest of which I personally have no knowledge and/or little personal interest. Therefore, those who do have the knowledge and the interest have a responsibility to contact me, so that it may see print. From the start, I have stated that contributions are always welcome.

Again, I don't know where you found the time to express your concerns, but I do thank you for your thoughts and support. (The reader should be aware that Don backed his suggestions with several articles on the very subjects he wishes to see emphasized, most of which are included in this issue.)---KG6HF

QLF

EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE

June 8



**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



Don Dunn K6BJJ
835 Santa Barbara Road
Berkeley, CA 94707

FIRST CLASS MAIL

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

JUNE 14	7:30 pm	W6EJA Memorial Station opens
	8:00 pm	East Bay A.R.C. Meeting
		Subject: Field Day 1985
JUNE 15	8:00 am	Flea Market, Foothill College
JUNE 20		Y.L.R.L. Convention, Las Vegas
JUNE 22	(early!)	FIELD DAY 1985
		Interstate-80 & Hilltop Dr, Richmond
JUNE 30	7:30 am	Special Olympics, Univ. of California

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

NOVICE PHONE PRIVILEGES PROPOSED

(5WPM CODE REQUIREMENT TO REMAIN)

On May 15, the American Radio Relay League Executive Committee approved a plan for increased Novice (an Technician) operating privileges. Before any formal proposal to the F.C.C. may be made, however, this plan must be endorsed by the A.R.R.L. Board of Directors. The following is a summary:

10-Meter Band

A. 28.1-28.3 MHz: Novices and Technicians to have CW and data privileges.

B. 28.3-28.5 MHz: Novices and Technicians to have CW and voice (SSB) privileges.

1 $\frac{1}{2}$ -Meter Band

220-225 MHz: Novices to have all voice and data privileges, including use of repeaters, 25 watts max.

23-Centimeter Band

1246-1260 MHz: Novices to have all voice and data privileges, 5 watts max.

The Executive Committee made these recommendations as part of its recent effort to attract younger people into the hobby. Specifically, the "target audience" of this proposal is young people who are interested in computers and digital communication. The proposal would also have the effect of increasing the usage of the 220 MHz and 1200 MHz bands.

The A.R.R.L. has emphasized that this proposal has nothing to do with the ill-fated "no-code" proposals of years past. Novices would still be required to pass a 5 wpm code exam.

Further information is available in the May 23 issue of ARRL Letter, from which this article is condensed.

KG6HF Editorial Comment: Who is kidding whom? Think about this plan. In order to have voice privileges in the VHF/UHF bands at present, one must pass a 5 wpm code test and the Element 3 (general) theory exam. The ARRL plan would keep the code test, but would lower the theory requirements! This is supposed to attract more "computer types"??

In spite of the well-documented opposition of the ham radio community, the best way to attract more "computer whizzes" is to create a no-code license class, but require that one pass a comparatively difficult (e.g., advanced-class) written exam to earn it.

EBARC PREPARES FOR FIELD DAY 1985

Field Day 1985 is less than two weeks away, but a core of dedicated East Bay Amateur Radio Club members are busy in preparation. Admittedly hindered by a late start, the Field Day Committee has gained much ground in the last month. The Committee, formed during the May meeting, includes Ed Arnold (K6AGD), Doug Cain (N6JNK), Robert Dorsey (KA6WAG), Joe Lee (WB6DOB), Don Simon (NI6A), Don Stiver (N6EEG), and Dave Tyler (N6DRT). They met Saturday, June 8th, to work out a scheduling format to be further developed at this Friday's EBARC membership meeting.

For those who haven't heard, Field Day will run from 11 am (1800 UTC) Saturday, June 22 to 2 pm (2100 UTC) Sunday, June 23, and will be held at the site of the old Hilltop Drive-In Theatre, Interstate 80 and Hilltop Drive, Richmond.

According to Joe Lee (WB6DOB), the EBARC will once again run CW and phone on HF, VHF-UHF, and satellite. For the first time, a packet radio station will be used. Also planned is a 5 pm pot-luck dinner, and a midnight snack. There is still much to be done, and your help is sorely needed! Anyone who wants to join the Committee or help out in any way is asked to contact Joe at 724-0533, or Don Simon at 237-1381.

RED CROSS SAYS THANKS TO EBARC

The following letter was sent to the EBARC from Nita Mehta, emergency services administrator for the Berkeley-West Contra Costa Chapter of the American Red Cross:

May 1, 1985

Dear East Bay Amateur Radio Club:

Many thanks to those operators who participated in the Richmond City demonstration.

We regret that the event was not as successful as we had hoped. However, the exercise gave us the chance to see how we link up together and the practice in setting up a congregate car facility.

We hope the demonstration was of some learning value to you, and hope to continue working with you in the future tests.

Sincerely,
Nita Mehta

RACES/ARES HAPPENINGS

The City of Berkeley Disaster Drill on Thursday, April 18, was assisted by several local amateur radio operators, including eight EBARC members. The scenario was a chemical spill, with local hams providing communication for the American Red Cross and various city agencies. EBARC members who helped included President Ed Arnold (K6AGD), Clyde Brown (WA6PKF), Carl Clark (WA6KTL), Joe Lee (WB6DOB), NALCO-ARES Emergency Coordinator Larry Marks (W6VTJ), Woody Mertens (N6LFW), and Don Simon (NI6A). Other amateurs who participated were Ed Caine (KA6OFR), Jim Johnston (K6APW), and Mal Raff (WA2UNP).

The City of Richmond Earthquake Preparedness Demonstration on Saturday, April 20, was held at Kennedy High School in Richmond. Visitors had the opportunity to learn about the various public-service and emergency aspects of amateur radio. Jack Whittock (KA6NQJ) arranged for DX VHF linking demonstrations through the 145.11 (WD6EZX) repeater. Joe Lee (WB6DOB) printed Radiogram messages for the public to fill in for delivery via the National Traffic System. Other EBARC members participating included Carl Eastman (KA6OLK), Woody Mertens (N6LFW), Don Simon (NI6A), Don Stiver (N6EEG), and Dave Tyler (N6DRT). The event was co-sponsored by the American Red Cross and the City of Richmond.

Special Olympics needs volunteers! The Berkeley-West Contra Costa Chapter of the American Red Cross is sponsoring this year's Special Olympics, which will be held at the Berkeley Campus of the University of California on Saturday, June 29 (0730-1700) and Sunday, June 30 (0745-1600). Approximately twenty operators with handheld, mobile, and/or base equipment are needed. If you can help for any part of this time, contact Don Simon (NI6A) at 237-1381 ASAP!

A special round of thanks to all who helped in the Berkeley and Richmond activities!!!

FOR SALE

HALLICRAFTERS SX-100 General Coverage receiver (55 kHz - 34 MHz), with notch filter. Excellent condition! Manual included. Make reasonable offer. Jack Frost (K6HYS) 758-2069.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685-7388

EIGHT PASS NOVICE EXAMS

The first Novice class conducted by the East Bay Amateur Radio Club in nearly two years has concluded on a highly successful note! Don Waits (WD6DLR) and Tony Slattery (KA6NZB) are proud to announce that all eight students passed both Element 1A (5 wpm code) and Element 2 (elementary theory), and are awaiting their new licenses and 2x3 call signs in order to get on the air. The new licensees are:

Bill Borgen	Pinole
James Crooke	El Cerrito
Wendy Heller	Crockett
Irene Jacobs	Santa Clara
Samuel Jacobs	Santa Clara
William Needham	Danville
Reed Neuwirth	Berkeley
James Wood	Berkeley

Don told THE BLOWN FUSE that, over the years, he has resigned himself that less than half the students in any given class will actually pass both tests and become licensees. He said this was the best class he had ever seen, and the results prove it! He plans another class (either novice or upgrade) in the Fall of 1985. In the meanwhile, Mal Raff (WA2UNP) of NALCO-ARES is organizing a novice class to be held at the Berkeley Adult School beginning Tuesday, July 2, at 7:30 pm. For more information, contact Mal at 540-8916.

MORE RACES/ARES HAPPENINGS

The California Blood Bank Communications Net went on the air Thursday, April 4, at 12 noon. EBARC members Muriel Hunter (WD6FRP) on 2 meters and Don Simon (NI6A) on 40 meters participated locally. The blood bank net entered the computer age as packet radio was used to contact the Sacramento Blood Bank.

The 100-Mile Bicycle Run in the Eastbay Hills was held Sunday, April 12, and was assisted by a number of EBARC members: Carl Clark (WA6KTL), Carl Eastman (KA6OLK), Sue Ludemann (KA6SOC), Don Simon (NI6A), Dave Tyler (N6DRT), and Bob Wheeler (KF6PD). In addition, NALCO-ARES member Fred Leif (WB6HPA) helped out. Although there were no serious injuries (fortunately), amateur radio was present just in case.

Thanks again to all who helped out in these events!

MIKE YOUNG (K6MVB) NEWEST EBARC MEMBER

The East Bay Amateur Radio Club cordially welcomes Mike Young (K6MVB) as its 62nd member. Mike attended an EBARC meeting for the first time in May, as a guest of Bob Fabry (N6EK), and wasted no time in climbing aboard. An Oakland resident, he lists "advancement of CW" as one of his interests! First licensed in 1958, he now holds an amateur extra class license. Welcome to the EBARC!

EBARC MEMBERS CLIMB LICENSE LADDER

Two members of the East Bay Amateur Radio Club proudly announced their license upgrade achievements at the May meeting. Leading off was one of our newest members, Robby Robinson, who said that he had passed the novice theory exam and the 5 wpm code test, and had been assigned KB6IRR as a novice licensee. EBARC Secretary John Percival (KG6HU) announced that he survived the intensive extra-class examinations, and had achieved the coveted amateur extra status. He told THE BLOWN FUSE that he has applied for an extra-class call sign, and is awaiting his 2x1 "W" call. Congratulations to John and Robby for a job well done!!!

ARRL TO AWARD NEW TRANSCEIVERS

As part of its "Club Challenge for the '80s" membership drive, the American Radio Relay League has announced its intent to award three HF all-band transceivers to the club which recruit the highest number of new A.R.R.L. members in 1985.

Earlier this year, the A.R.R.L. announced its goal of increasing the number of licensed amateur radio operators to 600,000 by 1990, and to recruit as many of these hams as possible into the A.R.R.L. These actions are deemed essential by A.R.R.L. leadership if the hobby is to remain viable, and in order to prevent the loss of operating frequencies.

Affiliated clubs, such as the EBARC, are given incentives to assist the League in this effort. Each new A.R.R.L. member recruited in 1985 by the EBARC will produce a \$5 commission for our Club. Additionally, the following awards may be earned:

- 5 new members: ARRL Booster certificate
- 10 new members: ARRL pennant
- 25 new members: ARRL flag
- 50 new members: ARRL Club Challenge gavel
- 75 new members: ARRL Diamond Club cert.
- 100 new members: ARRL Century Club plaque

The latest announcement by the League is its Grand Prizes to be awarded to the clubs which recruit the most A.R.R.L. members. The League has divided its affiliates into three size categories: small clubs (1-25 members), medium size (26-75 members), and large clubs (over 75). The club in each category which recruits the most A.R.R.L. members in 1985 will win one of three Grand Prizes:

ICOM IC-735
Heath HW-5400
Kenwood TS-430S

EBARC members are reminded that the membership voted at the May meeting to purchase an HF transceiver for the WA6JSO Memorial Station. The A.R.R.L. has now provided us with a better way. Club members, get busy! For further information about this contest, contact Al Streit (KG6HF) or Gordy Parsons (NU6W).

WANTED

220 MHz Midland and Clegg Transceivers (or similar). Needed for 9600-baud packet radio linking. Cash paid for working models! Contact Don Simon (NI6A) at 237-1381.

TREASURER'S REPORT - MAY, 1985

May Income:

Membership Renewal:

W6CGD (Misplaced - wrong PO Box)	\$12.00
Auction Sales - Proceeds go to	
Club Station Fund	17.00
Coffee Kitty	6.57
Station Fund (Can)	2.53
Total Monthly Income	<u>\$38.10</u>

May Expenses:

BLOWN FUSE printing	\$39.30
BLOWN FUSE postage	17.60
Albert H. Wohlers & Co. Insurance	90.00
Total Monthly Expenses	<u>\$146.90</u>

Central Bank Accounts (As of 5/13/85):

Savings (Station Fund)	\$788.47
Checking (General Fund)	\$718.02

* * * * *

Summary of Expenses for Field Day 1984

East Bay Regional Parks District	\$100.00
Miscellaneous Supplies	11.61
Nylon Cord	21.25
Gas for Generators	10.00
Propane	7.40
Total (all bills paid during 1984)	<u>\$150.26</u>

* * * * *

Our comprehensive general liability insurance policy is effective June 1, 1985 through June 1, 1986. The \$1,000,000 coverage option will no longer be in effect, and has been limited to \$500,000 for the next year. Our check was sent May 11, 1985.

Remember to feed the Kitty!

Gordon Parsons (NU6W)
Treasurer

BOB DID IT ALL, SAYS JOE!

An article printed in the May edition of THE BLOWN FUSE apparently gave credit where none was due. "New Telephone Installed at Club Station" described the efforts of Bob Phelps (WB4DWU). However, Joe Lee (WB6DOB) wants EBARC members to know that it was Bob, and not he, who wired in the telephone. THE BLOWN FUSE apologizes for the error, and takes this opportunity to thank Bob once again for seeing this project through!

THE BLOWN FUSE

YLRL QUILT TO BE RAFFLED IN JUNE

The quadrennial convention of the Young Ladies' Radio League (YLRL) will be held June 20-23 in Las Vegas, Nevada. As part of the festivities, a 97"x107" hand-made hexagonal quilt will be raffled. The quilt features a 31"x27" map of the U.S.A. in the center, surrounded by fifty sections, each displaying one of the States, with state capital, flower, bird, and year of admission to the Union. Raffle tickets cost \$1 apiece, and may be purchased from Sue Ludemann (KA6SOC) at 234-0717. How can you go wrong for \$1??? Here's a chance to support a great organization and have some sporting fun, too.

MAJORITY OPPOSE 40-MTR PHONE EXPANSION

The ARRL Letter reported in its May 9 issue that a majority of those surveyed oppose allowing voice privileges in the 7.000-7.100 MHz portion of the 40-meter band..

The January, 1985 issue of QST posed the following question to ARRL members: "Do you favor some subband allocation for SSB operation for U.S. Amateur Radio operators on the 40-meter band below 7.1 MHz?" Members were asked to complete the postcard attached to the January issue and return to ARRL headquarters in Connecticut.

Of the 19,862 people who responded, 8,788 (44.2%) favored expansion and 10,640 (53.6%) opposed it. The remainder had no opinion.

It should be kept in mind that the total responses comprise less than five percent (5%) of licensed amateurs. Cross-tabulation with regard to age and years licensed of participants is promised for a future issue of QST.

EMERGENCY POWER MORE AFFORDABLE?

Most hams agree that a dependable emergency power source is a must. However, the cost of such a system has prevented many from obtaining a good back-up. That's why it's encouraging to hear that, for the time being anyway, the cost has come down.

Joe Lee (WB6DOB) has told THE BLOWN FUSE that a leading mass merchandiser has lowered the cost of its deep-cycle batteries. Normally \$85+, the sale price is under \$60 with trade-in. For info, call Joe at 724-0533.

WEST CONTRA COSTA RACES NET CONTROL SCHEDULE SET

Dave Tyler (N6DRT), West Contra Costa County RACES/ARES Emergency Coordinator, has announced the schedule for primary and alternate net control for the remainder of 1985. For further information, contact Dave at 525-6200. The schedule follows:

Date	Primary Net Control Station	Alternate Net Control Station
Jun 6	Carl Eastman (KA6OLK)	Leo Lewis (WA6ZEV)
Jun 13	Leo Lewis (WA6ZEV)	Carl Eastman (KA6OLK)
Jun 20	Jack Whittock (KA6NQJ)	Ray Ahlberg (N6DIG)
Jun 27	Ray Ahlberg (N6DIG)	J. Whittock (KA6NQJ)
Jul 4	NO NET	NO NET
Jul 11	Sam Mason (WD6FTM)	Joe Lee (WB6DOB)
Jul 18	Joe Lee (WB6DOB)	Sam Mason (WD6FTM)
Jul 25	Muriel Hunter (WD6FRP)	Roy Gantt (N6DVF)
Aug 1	Roy Gantt (N6DVF)	M. Hunter (WD6FRP)
Aug 8	Yoshi Nakamura (WB6QKS)	L. Fields (N6HPX)
Aug 15	Larry Fields (N6HPX)	Y. Nakamura (WB6QKS)
Aug 22	Dave Tyler (N6DRT)	Don Simon (NI6A)
Aug 29	Don Simon (NI6A)	Dave Tyler (N6DRT)
Sep 5	Carl Clark (WA6KTL)	Cec Heden (N6EBQ)
Sep 12	Cec Heden (N6EBQ)	Carl Clark (WA6KTL)
Sep 19	Paul Mason (WA6ELZ)	B. Fitzgerald (KA6NVX)
Sep 26	Bud Fitzgerald (KA6NVX)	P. Mason (WA6ELZ)
Oct 3	Doug Cain (N6JNK)	Bob Wheeler (KF6PD)
Oct 10	Bob Wheeler (KF6PD)	Doug Cain (N6JNK)
Oct 17	Bob Graham (W6IWH)	Kim Leong (WA6QQF)
Oct 24	Kim Leong (WA6QQF)	Bob Graham (W6IWH)
Oct 31	Fred Strehlan (NW6E)	Mike Hampton (WB6JTJ)
Nov 7	Mike Hampton (WB6JTJ)	Fred Strehlan (NW6E)
Nov 14	Don Stiver (N6EEG)	Larry Doyle (WB6CTQ)
Nov 21	Larry Doyle (WB6CTQ)	Don Stiver (N6EEG)
Nov 28	NO NET	NO NET
Dec 5	Gabe Gabriel ((WA6KQB)	L. Drouin (WA6UHD)
Dec 12	Larry Drouin (WA6UHD)	G. Gabriel (WA6KQB)
Dec 19	Dave Tyler (N6DRT)	Al Minyen (N6EBO)
Dec 26	NO NET	NO NET
Jan 2	NO NET	NO NET

FOR SALE

2 1-hour cassette tapes (Parts I & II) by Kantronics. General Class Theory Preparation and Review, by Phil Anderson (WØXI) and his friend Bob. Covers all the areas for the exam. Purchased in 1982 by NU6W. These tapes are a good supplement to your book study. See Gordy Parsons (NU6W) at Friday's meeting. \$5 for set.

12-METER BAND TO BE RELEASED THIS MONTH

The A.R.R.L. has announced the release of the 12-Meter Band (24.890-24.990 MHz) to American amateurs holding general-class licenses or higher, effective 0001 UTC, June 22, 1984 (7:00 pm PST June 21st). At the same time, the 30-Meter Band (10.1-10.15 MHz) becomes permanent. The A.R.R.L. policy of no contest credit or awards on the WARC bands will apply to Field Day, save a last-minute decision to the contrary.

The League wishes to remind all amateurs that both bands are exclusive in the USA, yet care must be taken to avoid interference with stations outside the USA in the Fixed Service.

4Cs SET JULY PICNIC DATE

The Contra Costa Communications Club (4Cs) will hold its second annual club picnic on July 14, 1985 (Bastille Day), according to Ed Caine (KA6OFR). As was the case last year, the gathering will be held at the San Pablo Reservoir Recreation Area. However, this year Oak Point Site is the exact location. A raffle and swap table will be featured once again, as well as the general amenities: barbecue grills, water, tables, volleyball, horseshoe areas, play areas, parking, etc. The entrance to the Recreation Area is off San Pablo Dam Road, between El Sobrante and Orinda. For further details, contact Ed at 525-7170.

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to EBARC members.

THE BLOWN FUSE welcomes articles of interest to its members and amateur radio operators in general. Articles must be submitted no later than ten (10) days prior to the scheduled monthly meeting. Deadline for July issue: Wednesday, July 3. THE BLOWN FUSE reserves the right to edit all articles submitted. Material submitted becomes the property of THE BLOWN FUSE.

All articles herein by Al Streit (KG6HF) except where noted. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given.

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in West Contra Costa and Northern Alameda Counties, and is open to anyone with an interest in amateur radio! Annual dues are \$12, payable in January. Write or call any Club official listed below for further information!

EXECUTIVE BOARD

Ed Arnold, K6AGD, President	223-7967
Bob Wheeler, KF6PD, First Vice President	232-8048
Dave Lowrey, KB6APL, Second Vice President	655-9309
Al Streit, KG6HF, Third Vice Pres. & Blown Fuse Editor	526-5743
John Percival, KG6HU, Secretary	232-8111
Gordy Parsons, NU6W, Treasurer	785-4920
Ray Ahlberg, N6DIG, President Emeritus & CCRC Rep.	525-8858
Betty Baldo, KB6P	653-1650
Grant Calhoun, N6XP	233-0566
Steve Dodge, K6ZR	233-5833
Carl Eastman, KA6OLK	237-2621
Leo Lewis, WA6ZJV	233-0301
Sam Mason, WD6FIM	526-5104
Don Simon, NI6A	237-1381
Don Waits, WD6DLR	529-1785

COMMITTEE CHAIRMEN

Program	Bob Wheeler, KF6PD	232-8048
Fund Raising	Gordy Parsons, NU6W	785-4920
Club Station	Don Stiver, N6EEG	233-5846
W6CUS Trustee	Joe Lee, WB6DOB	724-0533
Field Day		
Emergency & Public Service	Dave Tyler, N6DRT	525-6200
Publicity	Peter Gaposchkin, KB6WC	540-0671
Education & Upgrade	Don Waits, WD6DLR	529-1785
Membership & Hospitality	Al Streit, KG6HF	526-5743
Technical	Steve Dodge, K6ZR	233-5833
Legal & Finance	Grant Calhoun, N6XP	233-0566
Historian	Don Dunn, K6BJJ	526-7136
Consitution	Steve Dodge, K6ZR	233-5833
Awards	Joe Lee, WB6DOB	724-0533

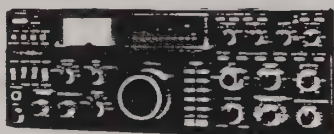
NETS

East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115 MHz
East Bay Amateur Radio Club SSB Net	Weds	2100	21.395
Alameda County RACES Net	Monday	1900	147.240
West Contra Costa County RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast & Commute Net	M-F	0710	145.110
Northern California Net VHF Session	Daily	1930	145.490
Northern California Net (CW)	Daily	1900	3.630
Northern California Net Slow Speed (CW)	Daily	2030	3.630
Sixth Region Net Daytime (SSB)	Daily	0945/1530	7.275
Sixth Region Net Evening (CW)	Daily	1945/2130	3.655

6 STORE BUYING POWER

KENWOOD

TS-930S



PAY REGULAR PRICE OF **\$1599**

RECEIVE FREE AT-930 and MC-60A
ANTENNA TUNER MICROPHONE
Reg. \$199.95 Reg. \$79.95

PLUS FREE UPS

KENWOOD HAND-HELDS



TR-2600A Deserves its well-earned reputation as the leading HT

TH-21AT/41AT
COMPACT!

Only 2.4"W, 4.72"H, 1.1"D
Outstanding performers in an ideal package size.

CALL FOR PRICE



KENWOOD TS-430S



The highly popular general coverage HF transceiver. A top seller.

CALL FOR SPECIAL PRICE

KENWOOD TS-711A/TS-811A



Ideal VHF/UHF base stations for 2M/70CM transceive operation.

GREAT PRICES. CALL

KENWOOD TW-4000A

PAY
REGULAR
PRICE OF
\$599.95



RECEIVE FREE

THE FOLLOWING

- 1) VS-1 VOICE SYNTHESIZER \$39.95 VALUE
- 2) TU4-C SUB-AUDIBLE \$39.95 VALUE
- 3) MA-4000 DUAL-BAND MOBILE ANTENNA \$44.95 VALUE

**PLUS
FREE UPS**

NEW! KENWOOD TS-940S

TOP-OF-THE-LINE HF TRANSCEIVER



NEW!

**CALL FOR PRICE
AND INFORMATION**

- General coverage receiver.
- 40 memories.
- 250W pep. Runs cooler, longer.
- Additional LCD readout.
- Optional ant. tuner, 160 thru 10M.
- Plus, plus, plus.

FREE UPS

PERSONALIZED SERVICE

BOB FERRERO, W6RQ
President

JIM RAFFERTY, N6RJ
VP, So Calif Div, Anaheim
Managers

GEORGE, WB6DSV, Burlingame
DON, N6IPE, Oakland

BOB, K7RDM, Phoenix

GLENN, K6NA, San Diego
AL, K6YRA, Van Nuys

and other active amateurs to serve you

FREE SHIPMENT

UPS SURFACE (Continental U.S.) (MOST ITEMS)

TOLL-FREE PHONE

INCLUDING ALASKA AND HAWAII

800-854-6046

CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT NEAREST STORE

PHONE HOURS: 9:30 AM to 5:30 PM PACIFIC TIME.

STORE HOURS: 10 AM to 5:30 PM Mon. through Sat.

HAM RADIO OUTLET

ANAHEIM, CA 92801

2620 W. La Palma.

(714) 761-3033, (213) 860-2040.
Between Disneyland & Knott's Berry Farm.

BURLINGAME, CA 94010

999 Howard Ave.

(415) 342-5757.

5 miles south on 101 from San Francisco Airport.

OAKLAND, CA 94609

2811 Telegraph Ave.,

(415) 451-5757.

Highway 24 Downtown. Left 27th off-ramp.

PHOENIX, AZ 85015

1702 W. Camelback Road.

(602) 242-3515.

East of Highway 17.

SAN DIEGO, CA 92123

5375 Kearny Villa Road.

(619) 560-4900.

Highway 163 and Clairemont Mesa Boulevard.

VAN NUYS, CA 91401

6265 Sepulveda Blvd.

(818) 988-2212

San Diego Freeway at Victory Boulevard



AEA • ALLIANCE • ALPHA • AMECO • AMPHENOL • ANIKSTER MARK • ANTENNA SPECIALISTS • ARRL • ASTRON • BASH • BELDEN • BENCHER • BIRD • BUTTERNUT

B&W • CALBOOK • CENTURIAN • COLLINS • COLUMBIA • CURTIS • CUSHCRAFT • DAIWA • DRAKE • DREDDGE • EIMAC • GILFER • HAL • MUSTLER • HY GAIN • ICOM

JSC • J. W. MILLER • KANTRONICS • KENWOOD • KIM • LARSEN • LUNAR • METZ • MFJ • MICRO LOG • MINI PRODUCTS • MIRAGE • NYE • PALOMAR • RUM • SHURE

SIGNAL LINE • STONE • TEMPLE • TEN TEC • TRINITY • TRIER • VAN • VORTEX • VOCON • VIBACOR • EX • WEST • YAESU • YAMAGUCHI

Prices, specifications, descriptions subject to change without notice. Calif. and Arizona residents please add sales tax.

QLF

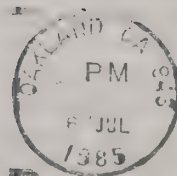
EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE



**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



FIRST CLASS MAIL

MERTENS, WOODY N6LFW
1850 SAN PEDRO AVE
BERKELEY CA 94707

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

JULY 12	7:30 pm	W6EJA Memorial Station opens
	8:00 pm	East Bay A.R.C. Meeting Subject: Field Day Recap
JULY 13	8:00 am	Flea Market, Foothill College
JULY 14	TBA	C.C.C.C. 2nd Annual Picnic CANCELLED!
SEPT 13	8:00 pm	East Bay A.R.C. Meeting

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

FIELD DAY 1985: THE BEST EVER?

Field Day 1985 has come and gone, but it will remain in the memory of all who participated for a long time to come. This was the feeling that was so evident as East Bay Amateur Radio Club members dismantled their stations the morning of Sunday, June 23rd. The attendance, the spirit, the participation of new and long-time members alike, the weather, and the sheer enjoyment led one EBARC member after another to inform this reporter that Field Day 1985 was the best ever in the history of the Club!

One of the most encouraging sights during Field Day had to be the enthusiasm shown by our newest members. Mike Young (K6MBV) quickly pitched his tent and, with the assistance of the early-arrivals, got an antenna in place and was on the air shortly after the official starting time (11 am). Craig Jordan (KB6EJL) had been a major force in getting the Club to put a Novice station on the air this year, and arrived early to assist physically in getting it set up as well. Reid Neuwirth (KB6JDY) arrived with Robert Dorsey (KA6WAG) and wasted no time in becoming involved in the many activities. Larry Fields (N6HPX), who only recently rejoined the EBARC after an 18-month absence, provided a 3-element, 10-15-20-meter beam antenna and an ICOM 730 transceiver, which he and others used to work HF phone.

Of course, it goes without saying that many of the "old reliables" aided our cause, too. Carl Eastman (KA6OLK) provided the Club with 70cm, 220 MHz (side-band!), and 1200 MHz gear. Joe Lee (WB6DOB), Don Simon (NI6A), Doug Cain (N6JNK), and Ed Arnold (K6AGD), among many others, played prominent roles throughout. Guest operators such as San Pablo's Mike Hampton (WB6JTJ) helped to run up the point total, also. The night shift included such "on the air personalities" as Robert Dorsey and Tony Slattery (KA6NZB).

The success of this outing is all the more gratifying when one considers that the entire event was virtually a last-minute effort. It was not until the meeting of May 10th that a site was approved by the membership and a Field Day Committee chosen. Not until the meeting of June 14---only one week before Field Day---were plans made in any detail! First among equals in all of this was Don Stiver (N6EEG), who coordinated the whole effort. He and Don Simon, incidentally, were responsible for the introduction of packet radio to EBARC Field Day

tradition, and were successful in a number of "connects." Lest we forget, the 1985 Field Day Committee consisted of Ed Arnold, Doug Cain, Robert Dorsey, Joe Lee, Don Simon, Don Stiver, and Dave Tyler (N6DRT). A round of thanks goes out also to Peter Gaposchkin (KB6WC), Publicity Chairman, whose story in the Albany-Berkeley Times earned the Club an easy 100 points!

Best of all is being able to report that this altogether-too-brief description of members' exploits includes less than one-half of the participants known to this reporter! Unfortunately, the sign-in sheet was---you guessed it---virtually ignored throughout, meaning there were probably participants whose efforts remain unknown to me. Please---if you were there and are not listed here, notify THE BLOWN FUSE so that your efforts will be acknowledged properly!!! Nevertheless, the following is a fairly-complete list of those who gave of themselves in Field Day 1985:

Ed Arnold (K6AGD)
Les Bodin (W6JKY)
Doug Cain (N6JNK)
Grant Calhoun (N6XP)
Robert Dorsey (KA6WAG)
Carl Eastman (KA6OLK)
Bob Fields
Larry Fields (N6HPX)
Richard Fish (N6IIW)
Peter Gaposchkin (KB6WC)
Mike Hampton (WB6JTJ)
Craig Jordan (KB6EJL)
Joe Lee (WB6DOB)
Rachael Lewellen
Leo Lewis (WA6ZFY)
Woody Mertens (N6LFW)
Al Minyen (N6EBO)
Yoshi Nakamura (WB6QKS)
Reid Neuwirth (KB6JDY)
Gordy Parsons (NU6W)
John Percival (WI6O)
Robby Robinson (KB6IRR)
Don Simon (NI6A)

(Continued p. 3)

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685 7388

ATTENTION NOVICES!

Due to the completion of the recent Novice classes (wherein all eight students passed their tests and became novice licensees), and the addition of several Novices to the EBARC's membership rolls, there is no time like the present to get in the habit of checking in to the East Bay Amateur Radio Club Slow CW Net each Wednesday evening at 8 pm.

Net Control Doug Cain (N6JNK) reminds everyone that no "minimum speed" is predetermined which every check-in is expected to copy. Participants set their own speed, faster or slower as the case may be.

As is repeated over and over, the only way to improve one's speed in order to upgrade is to get on the air! And, as most of us are aware, there are far fewer places to get help in going from 5 wpm up to 13 wpm than to get from zero up to 5 wpm. There is virtually nothing else on the air that is comparable to the EBARC Slow CW Net!

Enough of this gentle hint. Let's hear you on the air next Wednesday night! Oh, yes, the frequency is 21.115 MHz, in the Novice portion of the 15-meter band.

THE BLOWNFUSE

FIELD DAY 1985 (Continued)

Tony Slattery (KA6NZB)
Don Stiver (N6EEG)
Al Streit (KG6HF)
Joanne Streit (N6LSV)
Dave Tyler (N6DRT)
Graeme Welch (W6JRZ)
Jack Whittock (KA6NQJ)
Lee Williams (WA6IME)
Al Winters (WA6FFV)
Mike Young (K6MBV)
John Billones (WD6GGC)

The EBARC operated at least three stations at all times, thereby qualifying for the "3A" category. The log is now sent in to the A.R.R.L. for compiling of our official point total, which will be published later this year in QST Magazine.

Once more, THE BLOWN FUSE would like to thank Don, the Field Day Committee, as well as all the participants, for a job well done!

MEMBERSHIP RANKS SWELL IN JUNE

In the midst of preparing for its highly-successful Field Day 1985 at the June 14 meeting, the East Bay Amateur Radio Club added four members to its ranks! Larry Fields (N6HPX) of El Sobrante, who had been a member previously, rejoined the Club in time to make his presence felt at Field Day. Craig Jordan (KB6EJL), a Berkeley resident, not only joined the Club and volunteered for Field Day, but was instrumental in the Club's decision to operate a Novice station this year. Another Novice, Reid Neuwirth, also a Berkeleian, joined at the same time. Reid recently completed the Novice licensing course taught by Don Waits (WD6DLR) and Tony Slattery (KA6NZB). Although not technically licensed at the time, Reid had his Novice ticket (KB6JDY) in time for Field Day. Al Winters (WA6FFV), who hails from the Richmond Annex, checked into the EBARC SSB Net on successive Wednesday evenings during May. He came to the June meeting to find out for himself what the excitement was all about, and quickly decided to join.

Two other graduates of the same Novice class, Bill Borgen and Dick Croke, attended the meeting and expressed interest in the East Bay A.R.C. Both said they would probably join upon receiving their Novice licenses.

Welcome aboard Al, Reid, and Craig, and welcome back to you, Larry!!!

T R E A S U R E R ' S R E P O R T

Period Beginning January, 1984 and Ending June, 1985

<u>Month</u>	<u>Receipts</u>	<u>Disbursements</u>	<u>Net Change</u>	<u>Checking</u>	<u>Savings</u>	<u>Combined</u>
Jan 84	\$206.80	\$227.06	\$(20.26)	\$ 866.22	\$ 714.25	\$1,580.47
Feb 84	203.00	109.83	93.17	974.14	719.50	1,693.64
Mar 84	186.06	161.77	24.29	970.54	740.14	1,710.68
Apr 84	105.00	236.38	(131.38)	660.99	740.14	1,401.13
May 84	143.75	166.88	(23.13)	632.86	745.14	1,378.00
Jun 84	196.80	211.08	(14.28)	602.57	769.78	1,372.35
J/A 84	95.00	167.88	(72.88)	748.25	709.39	1,457.64
Sep 84	80.25	225.03	(144.78)	549.89	762.97	1,312.86
Oct 84	166.00	131.74	34.26	582.65	764.47	1,347.12
Nov 84	126.50	231.77	(105.27)	583.83	659.02	1,242.85
Dec 84	236.00	112.54	123.46	707.29	680.26	1,387.55
Jan 85	\$290.61	\$ 60.15	\$230.46	\$ 927.14	\$ 690.87	\$1,618.01
Feb 85	249.75	188.16	61.59	965.98	724.29	1,690.27
Mar 85	90.02	- - -	90.02	1,056.00	724.29	1,780.29
Apr 85	182.80	357.45	(174.65)	846.35	759.29	1,605.64
May 85	38.10	146.90	(108.80)	718.02	788.47	1,506.49
AVERAGES	\$162.27	\$158.41	\$ 3.86	\$ 774.55	\$ 730.77	\$1,505.32

Editor's Note: Gordy Parsons (NU6W) provided this 18-month report so that Club members may gain a better understanding of the East Bay Amateur Radio Club's financial situation. Because most of our income is derived from dues, it is not surprising that our receipts are greater during the beginning months of the calendar year, and that receipts exceed disbursements during that time. Later in the year, when there is little (if any) dues income, disbursements will exceed receipts. On the whole, we are running slightly ahead (by about \$4 per month). Obviously, if outflow exceeded income, we would have a fiscal problem in the making. However, if our income greatly exceeded expenses, it would mean that we were collecting too much from dues, etc.

The current balance in savings is somewhat misleading. The Club membership voted, during the May meeting, to spend up to \$650 for an HF transceiver to be placed in the WA6JSO Memorial Station at the Richmond Red Cross. Therefore, of the current balance of \$718.02, as much as \$650 should be deemed appropriated for this purpose, leaving a net unappropriated balance of \$68.02 in Savings, and Combined total of \$856.49.

"ANCIENT" TELETYPES AVAILABLE

Don Stiver (N6EEG) and Don Simon (NI6A) have announced that two quite old teletype machines were found at the Club's WA6JSO Memorial Station at the Richmond Red Cross Center. A tape perforator is also included with these beauties.

Plans are to put the machines up for sale, but given their dubious market value, they may very well end up in the trash can. According to Don Simon, there are no plans to auction them. Because they may be of some value to somebody (parts, collection, etc.), they are hereby offered to the Club, in the event that one of us has use for one or both. If you are interested, or would like further information, contact either Don by phone (see page 7) or at the July 12 meeting.

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to EBARC members.

THE BLOWN FUSE welcomes articles of interest to its members and amateur radio operators in general. Articles must be submitted no later than ten (10) days prior to the scheduled monthly meeting. Deadline for August issue: Wednesday July 31. **THE BLOWN FUSE** reserves the right to edit all articles submitted. Material submitted becomes the property of **THE BLOWN FUSE**.

All articles herein by Al Streit (KG6HF) except where noted. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given.

GENERAL MEETING MINUTES

May 10, 1985

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:10 pm by President Ed Arnold (K6AGD).

LICENSE & UPGRADE: R.L. Robinson has passed the Novice exam and received the call KB6IRR. John Percival (KG6HU) has upgraded from Advanced to Amateur Extra.

The April Treasurer's Report and the March and April Minutes were approved as published.

CLUB STATION: Don Simon (NI6A) moved that the Station Committee be granted authority to spend up to \$650 to purchase a battery-powered HF transceiver intended for, but not limited to, use at the Richmond Red Cross. Motion was seconded and passed.

EDUCATION: Don Waits (WD6DLR) said the Novice class was going well and expressed thanks to Tony Slattery (KA6NZB) for his help.

FIELD DAY: Robert Dorsey (KA6WAG) presented the site alternatives for Field Day. Members favored the site of the old Hilltop Drive-In Theatre. The 1984 site required a \$100 rental fee and \$1 million insurance.

Public Service: Dave Tyler (N6DRT) asked for volunteers to help at the Grizzly Peak bicycle race on Sunday, May 12. He reported there would be a training class for emergency communications at the Fire College in Concord on May 19. Don Simon reported on the Red Cross emergency communications exercises during April, which made a good impression on the Red Cross as well as providing a valuable learning experience. He thanked those who participated.

The meeting concluded with the showing of a videotape on the role of Amateur Radio in public service. Meeting adjourned at 9:55 p.m.

---John Percival (KG6HU), Secretary.

GENERAL MEETING MINUTES

June 14, 1985

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:14 pm by 3rd Vice President Al Streit (KG6HF).

GUESTS: Bernie Bacom (WB6UYJ), Bill Borgen, Dick Crooke, Bob Fields, Craig Jordan (KB6EJL), and Reid Neuwirth.

SECRETARY & TREASURER: The May Treasurer's Report was accepted as published. The May

THE BLOWN FUSE

minutes were accepted as summarized by the Secretary.

PUBLIC SERVICE: Dave Tyler (N6DRT) reported on the July 4th fire patrol in the high hazard areas of Contra Costa County, and asked for volunteers. Don Simon (NI6A) reminded members that help is needed for the Special Olympics June 29-30 at the University.

FIELD DAY: Joe Lee (WB6DOB) discussed Field Day plans and asked that as many as possible turn out for the event, stressing that Field Day is a participation event rather than just a contest. Plans are to have HF, VHF/UHF, packet radio, and satellite stations. Craig Jordan (KB6EJL) offered to set up a Novice station. Joe asked that newspaper articles be saved as proof of publicity, and that members take photos at the event. Volunteers were solicited to help with antenna set-up and take-down, and for the midnight-to-6am operating hours.

Meeting was adjourned at 9:35 pm for refreshments and an auction.

---John Percival (KG6HU), Secretary.

EBARC WELCOMES YET ANOTHER NEW MEMBER!

James R. (Dick) Crooke, a graduate of the EBARC Novice License Class, is the latest to sign up for East Bay Amateur Radio Club membership! Dick has been assigned KB6JEC as his callsign. An El Cerrito resident, Dick not only joined our Club, but joined the A.R.R.L. through the EBARC, earning us a \$5 commission as well as valuable points in the race for the HF transceiver!

MORE ON APRIL 18 BERKELEY DRILL

In a story printed in the June issue of THE BLOWN FUSE, the name of Graeme Welch (W6JRZ) was unintentionally left out. This is especially significant when one considers that Graeme acted as Net Control throughout the operation. So---while your Editor wipes the egg off of his face, THE BLOWN FUSE send belated thanks to Graeme for his effort!

ATLAS 210X HF transceiver, mobile/base, with power supply, mike, 2 mobile slide mounts. Solid state, compact, no tuning. Over \$1000 new. Now \$400. Joe Lee 724-0533.

Interested in an 800w or 1200w Honda generator? So am I! Contact me, as I can get a better price if 2 are purchased. Gene Bergman (WB6IBU) 841-0277.

July, 1985

Amateur Radio Location Real Estate Sales

All Areas of California — other States in cooperation with local brokers

W16Y

MARY C. BRADSHAW - ~~N6KLM~~ - Real Estate Broker

21 Altamount Drive • Orinda, CA 94563 • (415) 376-0762

Dear Fellow Amateur:

We specialize in matching sellers and buyers who are interested in or want to sell properties with Amateur Radio installations and/or in good propagation and reception locations.

Sometimes sellers are induced to remove existing towers/antennas to improve the marketability of their property. It seems a shame, really a disservice to the Amateur Radio Community, to remove these installations. . . especially in light of the increasing difficulty of obtaining local government/community approval to install radio towers, as well as the expense and effort it took to install and wire the equipment.

Ham Radio is all about helping hams!

SELLERS: As both a ham and an experienced Real Estate Broker, I can help you market your ham property to other hams who will benefit by and appreciate your tower and the investment and effort it took to make the installation. I have many clients who are seeking to locate and buy ham properties.

BUYERS: I can find you a home with a tower or in a good radio location where towers are permitted. Check with me to see if I have a home available in the location you desire -- or let me know where you would like to live and I'll try to find you a home with a tower in that area.

Here's an updated list of properties available in good Amateur Radio locations. Most of these properties already have towers, antennas, and extensive wiring for ham installations. Many are in hilltop locations, and most are in excellent propagation/reception areas. We have new property availabilities coming in all the time, covering ALL AREAS, not just Northern California!

H A M P R O P E R T I E S A V A I L A B L E

ALAMEDA COUNTY - Hilltop location, 1 acre overlooking SF Bay. Property is sub-dividable into 3 lots. 1000 sq ft home with separate garage.

ALAMEDA - 3 BR, 2½ BA home with 40' tower. Good radio reception/propagation.

SAN LEANDRO - 4 BR, 2 BA, high on a hill. Large balcony views SF Bay & connects LR with MBR. \$325,000.

SAN LEANDRO - 2 BR plus luxury den with 1½ BA. Home in beautiful condition in prime location near schools, churches, shopping. Redwood deck & large kitchen, formal dining room & living room. 33' tower with excellent ground system. New IQM system negot. \$145,000.

ANTIOCH - 4 BR, 2 BA, 70' tower.

VALLEJO - 3 BR home with tower.

VALLEJO RENTAL - 4 BR, 2 BA, 50' tower.

SAN RAFAEL - Ridge locations.

MARIN COUNTY - 2 BR A-Frame, pool, creek, 32' tower. \$189,000.

SAN RAMON - 4 BR, 2 stories, swimming pool, 50' tower.

SAN FRANCISCO - Charming city home, good radio location, high altitude.

SAN BRUNO - 2 BR home with tower.

Please mail to Mary Bradshaw - ~~N6KLM~~, 21 Altamount Drive, Orinda, CA 94563 or phone (415) 376-0762

W16Y

- ☐ I am interested in selling my home now/soon/eventually, and this home has a tower, radio installations, good propagation location, etc. Please contact me.
- ☐ I am interested in purchasing a home with tower, good radio propagation location, etc.
() Send Information () Phone me () Put me on the mailing list.
- In what areas will you be looking for property? _____

Price range desired _____

Name _____ Call Sign _____

Address _____ City _____ State _____ Zip _____

Telephone: day _____ evening _____

Suggestions, comments, etc. _____

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in West Contra Costa and Northern Alameda Counties, and is open to anyone with an interest in amateur radio! Annual dues are \$12, payable in January. Write or call any Club official listed below for further information!

EXECUTIVE BOARD

Ed Arnold, K6AGD, President	223-7967
Bob Wheeler, KF6PD, First Vice President	232-8048
Dave Lowrey, KB6APL, Second Vice President	655-9309
Al Streit, KG6HF, Third Vice Pres. & Blown Fuse Editor	526-5743
John Percival, WI6O, Secretary	232-8111
Gordy Parsons, NU6W, Treasurer	785-4920
Ray Ahlberg, N6DIG, President Emeritus & CCRC Rep.	525-8858
Betty Baldo, KB6P	653-1650
Grant Calhoun, N6XP	233-0566
Steve Dodge, K6ZR	233-5833
Carl Eastman, KA6OLK	237-2621
Leo Lewis, WA6ZFV	233-0301
Sam Mason, WD6FIM	526-5104
Don Simon, NI6A	237-1381
Don Waits, WD6DLR	529-1785

COMMITTEE CHAIRMEN

Program	Bob Wheeler, KF6PD	232-8048
Fund Raising	Gordy Parsons, NU6W	785-4920
Club Station	Don Stiver, N6EEG	233-5846
W6CUS Trustee	Joe Lee, WB6DOB	724-0533
Field Day	Don Stiver, N6EEG	233-5846
Emergency & Public Service	Dave Tyler, N6DRT	525-6200
Publicity	Peter Gaposchkin, KB6WC	527-1232
Education & Upgrade	Don Waits, WD6DLR	529-1785
Membership & Hospitality	Al Streit, KG6HF	526-5743
Technical	Steve Dodge, K6ZR	233-5833
Legal & Finance	Grant Calhoun, N6XP	233-0566
Historian	Don Dunn, K6BJJ	526-7136
Consitution	Steve Dodge, K6ZR	233-5833
Awards	Joe Lee, WB6DOB	724-0533

NETS

East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115 MHz
East Bay Amateur Radio Club SSB Net	Weds	2100	21.395
Alameda County RACES Net	Monday	1900	147.240
West Contra Costa County RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast & Commute Net	M-F	0710	145.110
Northern California Net VHF Session	Daily	1930	145.490
Northern California Net (CW)	Daily	1900	3.630
Northern California Net Slow Speed (CW)	Daily	2030	3.630
Sixth Region Net Daytime (SSB)	Daily	0945/1530	7.275
Sixth Region Net Evening (CW)	Daily	1945/2130	3.655

QLF

EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE



EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706



FIRST CLASS MAIL

DUNN, DON K6BJJ
835 SANTA BARBARA RD
BERKELEY CA 94707

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

AUG 9	7:30 pm	W6EJA Memorial Stn opens
	8:00 pm	EAST BAY A.R.C. MEETING
		Speaker: Mike Scott (N760Z)
		Topic: Amateur TV
AUG 10	8:00 am	Flea Market, Los Altos
AUG 31	9:00 am	License Exams (ARRL/VEC)
		Berkeley Red Cross
SEP 13	8:00 pm	EAST BAY A.R.C. MEETING
		Speaker: Rod Stafford (KB6ZV)
		Topic: Future of Amateur Radio

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

SUE LUDEMANN (KA6SOC) WINS REGIONAL YLRL POST

One of the East Bay Amateur Radio Club's own, Sue Ludemann (KA6SOC), has moved up the ladder of the Young Ladies' Radio League (YLRL). At its recent (June 21-23) convention in Las Vegas, delegates to the YLRL elected Sue to the post of Receiving Treasurer for Districts 5,6, and 7. By virtue of holding this office, Sue becomes a member of the YLRL Board of Directors as well.

Sue told THE BLOWN FUSE that she was quite hoarse from all the business meetings and discussion groups by the time the Convention was over. In the midst of all the activities, the women somehow found time to set up a Field Day station for 20 meters. However, this turned out to be a fiasco when transmission-line problems immediately appeared and refused to go away.

On behalf of the EBARC, THE BLOWN FUSE extends its congratulations to Sue for this achievement!

EBARC WILL MEET IN AUGUST

In response to the overwhelming sentiment of Club membership present at the July meeting, Acting President Bob Wheeler (KF6PD) announced that the East Bay Amateur Radio Club will hold an August meeting. The meeting will be held at the usual time: Friday, August 9, at 8 pm.

Because interest in Club affairs has traditionally declined during the summer months, the EBARC has had an unofficial policy of skipping one meeting during these months, (usually August). Last year, our Club joined the Contra Costa Communications Club at its First Annual Picnic in lieu of a regular August meeting. (Due to the cancellation of the 1985 4Cs picnic, this option was not available this year.) A show of hands indicated that most attendees of the July meeting would also attend in August were a meeting scheduled; hence, the decision was made.

KG6HF Editorial Comment: This action, coming on the heels of a very successful Field Day, is one more indication that Amateur Radio is alive and well in the East Bay Area, thank you, and that Club morale has never been higher!

NEW MEMBERSHIP CARDS PROPOSED

Treasurer Gordy Parsons (NU6W) and Membership Chairman Al Streit (KG6HF) have proposed new membership cards for the East Bay Amateur Radio Club. Membership cards are issued annually by the Treasurer, primarily as receipts for payment of dues, and remain valid to the close of each calendar year. The current supply is not expected to last through the annual renewal period in early 1986, and would have to be replenished anyway.

At Gordy's suggestion, Al designed a prototype card, which is reproduced below. Gordy has suggested the following changes to this design:

1. Two separate lines for name and call.
2. Delete "receipt" wording.
3. Replace with a Club motto.
4. Add line for Expiration Date.

Gordy has suggested "Serving America through Amateur Radio Communications" as the Club motto.

What do you think? If you have any

thoughts, criticisms, or suggestions, please attend the August meeting and make yourself heard. Gordy and Al expect to select a card design fairly soon, in order that the new cards may be issued when the 1986 membership drive begins this October.

EAST BAY AMATEUR RADIO CLUB W6CUS



Name & Call: _____

This is a receipt for dues and signifies that the person named is a member in good standing for year ending December 31, ____.

Treasurer, East Bay A.R.C.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685 7388

NALCO-ARES AUGUST NET CONTROL SET

Fred Leif (WB6HPA), President and Net Manager for Northern Alameda County ARES has announced primary and alternate net control stations for the NALCO-ARES Net for August. This Net meets each Thursday at 1915 local time on 147.54 MHz simplex. Net control stations are as follows:

Date	Primary	Alternate
Aug 8	Woody Mertens (N6LFW)	Al Streit (KG6HF)
Aug 15	Al Streit (KG6HF)	Fred Leif (WB6HPA)
Aug 22	Fred Leif (WB6HPA)	Larry Marks (W6VTJ)
Aug 29	Larry Marks (W6VTJ)	Mal Raff (W42UNP)

Fred, incidentally, was elected President at the group's June meeting. Obviously encouraged by the strong showing during the recent Special Olympics, Fred told THE BLOWN FUSE that NALCO-ARES is finally on track, and that he expects it to become an example of an outstanding ARES group. Anyone wishing further information may contact Fred at 843-9299.

MEMBERSHIP FEE CHANGES PROPOSED

In a letter to Membership Chairman Al Streit (KG6HF), Treasurer and Fund-Raising Chairman Gordy Parsons (NU6W) has proposed a new rate structure for East Bay Amateur Radio Club dues. At present, our Club has no special rate for married couples or families. As Gordy points out, there is at present no real incentive for spouses to join the EBARC: the household receives THE BLOWN FUSE regardless of whether one or both spouses are members.

Gordy has observed that several Club members' wives attend EBARC meetings on a somewhat-regular basis, yet not all have become members. He feels that the reason for this is that it is simply too cost-prohibitive: for an extra \$12, no real benefits are derived. He is proposing that a "Family Membership" fee of, say, \$13 be created in addition to the Regular dues fee of \$12. For this rate, all designated family members would have EBARC membership privileges. There would be but one BLOWN FUSE mailing per household.

Any change in the rate structure would have to be approved by the Executive Board and the membership. Gordy has raised the issue now so that it may be discussed and resolved in time for the 1986 membership drive which begins in October.

AMATEUR TV FEATURED TOPIC AT AUGUST EBARC MEETING

Mike Scott (N7G0Z, former WB6FBI) will be the featured speaker at the upcoming Club meeting. Mike is a well-known ATV enthusiast, and is active both on slow-scan HF and fast-scan UHF ATV. He has been one of the prime movers behind the Mt. Diablo ATV Repeater Association. He is employed in the TV business, and has been active with Benicia ARES, the Office of Emergency Services, and other disaster agencies. His talk will cover fast-scan TV, ATV repeaters, microwave technology (1200 MHz ATV), and equipment needed to get started in ATV. There will also be a demonstration. This promises to be an outstanding program, so don't miss it!

TREASURER'S REPORT - JUNE 1985

June Income:

New Members: K6MBV, KB6EJL, N6HPX, WA6FFV, KB6JEC	\$ 30.00
A.R.R.L. Membership (NEW!): KB6JEC	25.00
Auction Sales	13.00
Check from Ham Radio Outlet	60.00
Check from The Base Station	18.00
Check from Mary Bradshaw	8.00
Coffee Kitty	6.57
Station Fund	5.00
Total June Income:	\$165.57

June Expenses

Blown Fuse printing	\$ 48.25
Blown Fuse postage	22.00
A.R.R.L. Membership	23.00
Expense Reimbursement: Joe Lee	2.86
Total June Expenses:	\$ 96.11

Central Bank Accounts - July 1, 1985

Savings (Station Fund)	\$806.47
Checking (General Fund)	\$769.46

Welcome to the new members, particularly Dick Crooke (KB6JEC), who is also joining the American Radio Relay League through the Club. We get a \$2 commission for his new membership. Larry Fields (N6HPX) is not really new to us; he's one of the lost sheep returning to the fold.

Remember to feed the Kitty!

Gordon Parsons (NU6W)

Treasurer

TREASURER'S REPORT - JULY 1985

July Income:

A.R.R.L. Membership (Renewal): N6EEG	\$ 25.00
Purchase of old W6CUS cable (N6LPW)	10.00
Auction Sales	13.30
Coffee Kitty	7.01
Station Fund	5.05
Total July Income:	\$ 60.36

July Expenses

Blown Fuse printing	\$ 45.05
Blown Fuse postage	20.24
Extension Cord purchase	53.14
A.R.R.L. Membership (Renewal)	23.00
Total July Expenses:	\$138.43

Central Bank Accounts - August 1, 1985

Savings (Station Fund)	\$824.82
Checking (General Fund)	\$673.06

THE BLOWN FUSE

Thanks to "Slats" Slattery for doing a great job at auctioneering. Let's give him another workout at the next meeting by bringing in more things to sell at the Club auction. Your "junk" may be another's treasure--so bring it in, and we'll all benefit from the sales. Remember, we are not just accumulating money. We are building a Radio Station with which we can serve the Community in the event of an emergency. We will serve the Community best with the best that we can buy.

Remember to feed the Kitty!

Gordon Parsons (NU6W)

Treasurer

LICENSE EXAMS SET IN BERKELEY

Amateur Radio license examinations will be given Saturday, August 31, at the Berkeley Red Cross, 2116 Allston Way, Berkeley, beginning at 9 am. Those interested should mail a completed Form 610, a copy of his or her existing license, and a check for \$4 (payable to ARRL/VEC) to: Mal Raff (WA2UNP), 2315 Blake St, Berkeley, CA 94704. Walk-ins will be permitted with copy of license, two (2) IDs, and a check for \$4. For further information, contact Mal at 540-8916.

RED CROSS THANKS SPECIAL OLYMPICS VOLUNTEERS

July 8, 1985

Dear Don:

Many thanks to you and all your volunteers for the great communications job. It is my understanding that it was the best ever. I hope you all felt it was worth a weekend of your time. Our total operation went so smoothly this year that I suspect there was less traffic on the radios.

It was a pleasure to work with you all and it is nice to know our Red Cross Disaster Service has such a top notch communications team.

Sincerely,

/s/ Mary Lou

Berkeley/West Contra Costa Chapter
American Red Cross

"COLOSSAL" AUCTION SLATED THIS MONTH!

By Don Simon (NI6A)

As you know, the bargains are abundant at East Bay A.R.C. auctions, and this month will certainly be no exception. The August auction features a complete Hallicrafters station (transmitter and receiver) in great operating condition. It works SSB and CW, 80-10 meters, with 100 watts output. We have operated this station just recently ourselves, and attest to fine signal reports from afar. (It's a great receiver, too!) Tests were done using only a long-wire antenna. This radio was at the WA6JSO Memorial Station at the Richmond Red Cross, but now it is available to a Novice or any other ham wanting to get on HF. It will go for a steal.

The second dynamite item was donated by Craig Jordan (KB6EJL), as he recently bought a new transceiver: it is a Viking Ranger II, 160-6 meters, AM, SSB, and CW. This rig has everything, and was a prince of a radio in its day with a great reputation! It works perfectly, with excellent CW keying, great for a backup rig or for those who want to get on 6 meters or the "top band".

Finally, Craig also donated a Hammerlund HQ-110 General Coverage Receiver, a top-of-the-line product in the late '50s and early '60s with hamband bandspread and coverage through 6 meters! Get in on the wonderful world of SWling or use it as a fitting companion to the Viking Ranger II. This equipment was bought recently for over \$150. You know it will be more than a bargain at the auction!

The only thing we can say about this month's auction is to bring your check book! The auction, as always, will follow the general meeting. All proceeds go to the Club Station Fund.

RED CROSS STATION COMES TOGETHER

The East Bay Amateur Radio Club's WA6JSO Memorial Station at the Richmond Red Cross has been significantly upgraded. During the past several weeks, a packet radio mailbox has been installed and is now operational on 2 meters, under the proud callsign W6CUS-1. The new ICOM 735 transceiver is expected soon which should bring more interest. A Drake C Line (R4-T4) which is now operational has been loaned by Leo Lewis (WA6ZFU). Don Simon (NI6A) donated two antennas (an all-band zepp and a colinear J-pole). Don reports that additional gear is still needed, including antenna tuners, coaxial cable, earphones, etc.

Special thanks go out to Station Committee Chairman Don Stiver (N6EEG), as well as others who have helped with antenna installation and other tasks: Carl Eastman (KA6OLK), Don Simon (NI6A), Rich Fish (N6IIW), Craig Jordan (KB6EJL), Eric Williams (WD6CMU), and Tony Slattery (KA6NZB).

EBARC HELPS CDF AT FIRE PATROLS

On July 4, amateurs throughout California assisted the Department of Forestry (CDF) in its Volunteers in Prevention (VIP) program. In the East Bay, Club members helped patrol the Regional Parks: Tilden, Briones, Redwood, and Chabot. EBARC members who gave up part of their Independence Day holiday to help out were Sue Ludemann (KA6SOC), Don Stiver (N6EEG), Woody Mertens (N6LFW), Leo Lewis (WA6ZFU), Don Simon (NI6A), Dave Tyler (N6DRT), and Carl Eastman (KA6OLK). Thanks to all who participated!

EAST BAY A.R.C. MEMBERS SERVE AT LOS GATOS FIRE

Serving long and multiple shifts at the Lexington Fire in Los Gatos the week of July 3 were Sue Ludemann (KA6SOC), Dave Tyler (N6DRT), Don Simon (NI6A), and Larry Ks (W6UTJ). The California Division of Forestry was overjoyed by our response, as hams provided vital communications to the CDF officials at various locations for over a week.

AMATEUR RADIO OPERATORS ASSIST SPECIAL OLYMPICS

By Don Simon (N16A)

Although the California Special Olympics (CSO) occurred only a week after Field Day, many East Bay Amateur Radio Club members participated, and some even showed up for the fire patrols the week after! Many thanks to you all. The Special Olympics was held June 28-29-30 at the UC campus in Berkeley. It is a non-profit affair, supported by literally thousands of volunteers.

Well, Amateur Radio was there! Two months before the event, I was contacted by the chapter manager for Berkeley/West Contra Costa County Red Cross to see if we could supply communications for the event. (The CSO is jointly sponsored by The Red Cross and the CSO Committee.) Over 2,400 athletes were expected from all over the State. To qualify, they had to have "severe mental retardation" (IQ of 75 or under). Yet what they lacked in intellectual facility was made up with spirit. It was one of the most positive events I have ever participated in, and the volunteer enthusiasm was very rewarding.

Special thanks to those who filled in the gaps. There were 12 slots on two shifts that required filling on both Saturday and Sunday, which meant 24 operators per day, plus five operators Friday night. Thus a total of 53 slots in five-hour shifts. Fortunately, when in a bind, some hams respond! Some worked all three days without taking a lunch break or relief: Carl Eastman (KA6OLK), Woody Mertens (N6LFW), Don Stiver (N6EEG), and Gordy Parsons (NU6W). Others gave two days; still others sacrificed their lunch breaks.

In all, it worked just right in the sense that we were able to meet all of the responsibilities requested. Traffic ranged from simple supply requests (food for the athletes) to medical emergencies. We played key roles in locating lost athletes and providing various human services. The hams impressed everyone!

Net control stations on Sunday were Leo Lewis (WA6ZFU) and Brad Watson (WA6AED), both assisted by Rachel Lewellen. The most distant station was Graeme Welch (W6JRZ), who very effectively brought heavy-duty batteries, a big base station, and a gain antenna---and manned Underhill Field for all of Saturday with a bodacious signal. Whatever you did, Graeme, it worked!

Some volunteers were assigned as shadows to the CSO officials, while others were assigned various event locations or key hotbeds of activity. Space prevents me from telling the whole story, but we all had fun on this one. Gordy Parsons took a lot of pictures, and slides will be shown at the August meeting. I had a swell time working with you all and all those who improvised and innovated.

Special thanks to the operators---true communicators one and all: Joe Lee (WB6DOB), Peter Gaposchkin (KB6WC), Don Stiver (N6EEG), Dave Tyler (N6DRT), Gordy Parson (NU6W), Larry Marks (W6VTJ), Carl Eastman (KA6OLK), Woody Mertens (N6LFW), Leo Lewis (WA6ZFU), Rich Fish (N6IIW), Tony Slattery (KA6NZB), Graeme Welch (W6JRZ), and President Ed Arnold (K6AGD), all EBARC members tried and true!

Northern Alameda County ARES members in addition to any listed above were Mal Raff (WA2UNP), Dave Goldhaber (AG1E), and Art McLaughlin (W6THD). From the Oakland Radio Club came Peter Baar (KB6CHY). From the Mt. Diablo Radio Club came Brad Watson (WA6AED), Glenn Zumwalt (N6JRK), Vicki Zumwalt (N6KLS), and Richard Brown (KT6X). We needed each and every operator!

As you can see, the East Bay A.R.C. members were predominant throughout, although NALCO ARES, Mt. Diablo A.R.C. and the O.R.C. made valuable contributions as well. Over 200 hours of operations occurred during the project.

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in West Contra Costa and Northern Alameda Counties, and is open to anyone with an interest in amateur radio! Annual dues are \$12, payable in January. Write or call any EBARC official listed below for further information!

EAST BAY A.R.C. OFFICERS, BOARD MEMBERS, COMMITTEE CHAIRMEN

Ed Arnold (K6AGD) President	223-7967
Bob Wheeler (KF6PD) First Vice President	483-6724
Dave Lowrey (KB6APL) Second Vice President	946-9173
Al Streit (KG6HF) Third Vice President	526-5743
John Percival (WI6D) Secretary	232-8111
Gordy Parsons (NU6W) Treasurer	785-4290
Ray Ahlberg (N6DIG) Past Pres. & CCRC Rep.	525-8858

Betty Baldo (KB6P) Executive Board	653-1650
Grant Calhoun (N6XP) Executive Board	233-0566
Steve Dodge (K6ZR) Executive Board	233-5833
Carl Eastman (KA6OLK) Executive Board	237-2621
Leo Lewis (WA6ZFU) Executive Board	233-0301
Sam Mason (WD6FTM) Executive Board	526-5104
Don Simon (NI6A) Executive Board	237-1381
Don Waits (WD6DLR) Executive Board	529-1785

Grant Calhoun (N6XP) Legal & Finance	233-0566
Steve Dodge (K6ZR) Constitution, Technical	233-5833
Don Dunn (K6BJJ) Historian	526-1736
Peter Gaposchkin (KB6WC) Publicity	527-1232
Joe Lee (WB6DOB) Awards, W6CUS Trustee	724-0533
Gordy Parsons (NU6W) Fund Raising	785-4290
Don Stiver (N6EEG) Club Station, Field Day	233-5846
Al Streit (KG6HF) BLOWN FUSE Editor, Membership	526-5743
Don Waits (WD6DLR) Education & Upgrading	529-1785
Bob Wheeler (KF6PD) Program	483-6724

AMATEUR RADIO NETS

EAST BAY AMATEUR RADIO CLUB SLOW CW NET	WEDS	2100	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	WEDS	2100	21.395
Alameda County RACES Net	Mon	1900	147.240
West Contra Costa County RACES/ARES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.490
Northern California Net (CW)	Daily	1900	3.630
Northern California Net Slow Speed (CW)	Daily	2030	3.630
Sixth Region Net Daytime (SSB)	Daily	0945/1530	7.275
Sixth Region Net Evening (CW)	Daily	1945/2130	3.655

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to East Bay A.R.C. members. THE BLOWN FUSE welcomes articles of interest to its members and amateur radio in general. Deadline for September issue: Saturday, August 31. THE BLOWN FUSE reserves the right to edit or reject any article submitted. Material submitted becomes the property of THE BLOWN FUSE. All articles herein by Al Streit (KG6HF) except where noted. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given.

"The Key to Worldwide

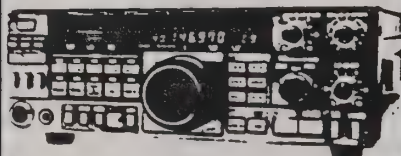


Communications"

HAM RADIO OUTLET

THE COMPLETE RESOURCE FOR YOUR HAM RADIO NEEDS.

KENWOOD TS-430S

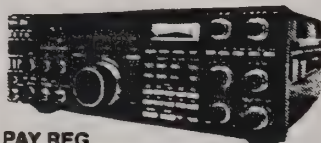


CALL FOR LOW, LOW PRICE
FREE GOODS
FREE UPS SURFACE

TOLL-FREE PHONE INCLUDING ALASKA AND HAWAII

KENWOOD TS-940S

TOP-OF-THE-LINE
HF TRANSCEIVER



PAY REG.
PRICE OF **\$1799.95**
RECEIVE FREE

AT-940 \$199 Value
ANTENNA TUNER
MC-60A \$79.95 Value
MICROPHONE

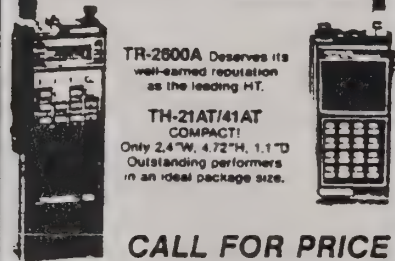
FREE UPS SURFACE

KENWOOD TS-711A and TS-811A



Ideal VHF/UHF base stations for
2M/70CM transceiver operation.
GREAT PRICES. CALL

KENWOOD HAND-HELDS



TR-2500A Deserves its
well-earned reputation
as the leading HT.

TH-21AT/41AT
COMPACT!
Only 2.4"W. 4.72"H. 1.1"D
Outstanding performers
in an ideal package size.

CALL FOR PRICE

KENWOOD TW-4000A

PAY
REGULAR
PRICE OF
\$599.95



RECEIVE FREE
THE FOLLOWING

1) VS-1 VOICE SYNTHESIZER \$39.95 VALUE
2) TU-4C SUB-AUDIBLE \$39.95 VALUE
3) MA-4006 DUAL-BAND
MOBILE ANTENNA \$44.95 VALUE

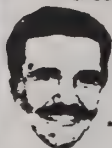
**PLUS
FREE UPS**

FREE SHIPMENT

MOST ITEMS U.P.S. SURFACE.

6 STORE BUYING POWER!

PERSONALIZED SERVICE



BOB FERRERO VHSI
President
JIM RAPPERTY VHSI
VP Sales
Manager
GEORGE WOODS Burlington
DON WOODS Oxnard
BOB KIRBY Phoenix
OLENN KIRBY San Diego
AL KIRBY Los Angeles
and other radio amateurs in every state

800-854-6046

THE TOLL FREE NUMBER IS NOT IN EFFECT IN THE STATES OF
CALIF. AND ARIZONA
CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT NEAREST STORE
PHONE HOURS: 9:30 AM TO 5:30 PM PACIFIC TIME.
STORE HOURS: 10 AM TO 5:30 PM Mon. through Sat.

FREE SHIPMENT
MOST ITEMS U.P.S. SURFACE



ANAHEIM, CA 92801
2620 W. La Palma,
(714) 761-3033, (213) 860-2040,
Between Disneyland & Knott's Berry Farm.

BURLINGAME, CA 94010
990 Howard Ave.,
(415) 342-5757,
5 miles south on 101 from San Fran. Airport.

OAKLAND, CA 94609
2811 Telegraph Ave.,
(415) 451-5757,
Highway 24 Downtown. Left 27th off-ramp.

PHOENIX, AZ 85015
1702 W. Camelback Road,
(602) 242-3515,
East of Highway 17.

SAN DIEGO, CA 92123
5375 Kearny Villa Road,
(619) 560-4900,
Highway 163 and Clairemont Mesa Blvd.

VAN NUYS, CA 91401
6265 Sepulveda Blvd.,
(818) 988-2212
San Diego Freeway at Victory Boulevard

AEA • ALLIANCE • ALPHA • AMECO • B&W • CALLBOOK • CENTURIAN • COLLINS • JSC • J.W. MILLER • KANTRONICS • SIGNAL ONE • STONER • TEMPO • TEN TEC
AMPHENOL • ANKSTER MARK • ANTENNA • COLUMBIA • CURTIS • CUSHCRAFT • KENWOOD • KLM • LARSEN • LUNAR • METZ • TRISTAR • TRILUX • VAN GORDON • VOKOM
SPECIALISTS • ARRL • ASTRON • B&M • DAIWA • ORAKE • OXEDGE • EIMAC • MFJ • MICRO LOG • WIND PRODUCTS • VIBROPLEX • WEST • YAESU and more
BELDEN • BENCHER • BIRD • BUTTERNUT • GILFER • HAL • HUSTLER • HY GAIN • ICOM • URRAGE • NYE • PALOMAR • ROWN • SHURE

Prices specifications descriptions subject to change without notice. Cal. and Arizona residents please add sales tax.

QLF

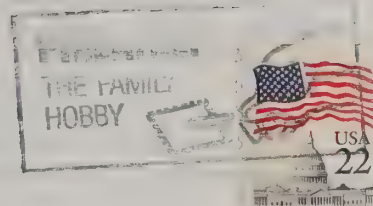
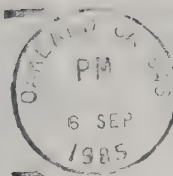
EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE



EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706



DUNN, DON K6BJJ
835 SANTA BARBARA RD
BERKELEY CA 94707

FIRST CLASS MAIL

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

SEP 13	7:30 pm	W6EJA Memorial Station opens
	8:00 pm	EAST BAY A.R.C. MEETING
		Speaker: Rod Stafford (KB6ZV)
		Topic: ARRL & Future of Amateur Radio
SEP 14	8:00 am	Flea Market, Los Altos
SEP 27	5:01 pm	902-928 MHz band opens
		to USA amateurs
OCT 11	8:00 pm	EAST BAY A.R.C. MEETING

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

BETTY AND CHRIS BALDO LAUD RECENT CLUB EFFORTS

(The following letter was sent to President Ed Arnold (K6AGD), who asked that it be published in THE BLOWN FUSE.)

July 9, 1985

Dear Ed:

Regrettably Chris and I have been unable to attend the EBARC meetings lately. This has been due to a conflict with our schedule at Rumsey. Frequently we had good intentions of attending only to be confronted with more challenges at the last minute.

We are both gratified to see the progress the Club is making. Primarily we were delighted to see the success of the last Novice training class with a 100% "pass". The entire membership is indeed grateful to Don (WD6DLR) and Slats (KA6NZB) for their devoted efforts in this training. It is really commendable.

As my contribution to their effort, I would like to donate \$25 to the Education Committee toward adequate publicity in connection with the next and future classes. The efforts the Club is making in getting new hams is very rewarding to us.

Also, we are both pleased to learn of the successful Field Day. The turnout, as I review the list, is remarkable. I was able to get over to Davis for the Field Day of the Yolo Amateur Radio Society. Their setup included 160 meters as well as a computer. It was nice to get into the spirit of the event.

We are not unmindful of the fact that everyone seems to be upgrading. At the current rate, we will end up with a Club of Extras. Congratulations to all.

Look forward to seeing you soon.

73,
Betty Baldo (KB6P)

EBARC HISTORY DISPLAY AT SEPT MEETING

EBARC Historian Don Dunn (K6BJJ) has told THE BLOWN FUSE that he will display his collection of Club photographs and other memorabilia at the September meeting. This collection of East Bay Amateur Radio Club history dates back to our first Field Day in June, 1948, when we were known as the East Bay Radio Club. It promises to be interesting and informative to old-timers and new members alike.

The September meeting will also feature a talk by Rod Stafford (KB6ZV), who is the ARRL Section Manager for Santa Clara, a member of the NARC Board, and a candidate for the ARRL Pacific Division Directorship in October, as well as a practicing attorney. He feels the ARRL must exert leadership in the future if Amateur Radio is to solve many of its problems. His topic, fittingly enough, will be "The ARRL and the Future of Amateur Radio."

NEW MEMBERS AND UPGRADES ANNOUNCED

The newest members to come aboard the EBARC ship are Phil Wong (WA6ODB), who joined at the August meeting, and Rich Collins (NT6V). Phil holds a Technician class license, is an Oakland resident, and is one of the mainstays of the Oakland Radio Club. He had come to the July meeting as the guest of Sherrick Slattery (KA6NZB). Rich, who hails from the Garden Isle of Alameda, is an Amateur Extra class licensee and an avid packet radio enthusiast.

East Bay Amateur Radio Club member Robby Robinson (KB6IRR) has moved up the licensing ladder! Robby now holds a Technician class license, and will soon be joining in on all the fun on VHF and UHF. Congratulations, Robby!!

NALCO A.R.E.S. HAS TAX-EXEMPT STATUS APPROVED

Fred Leif (WB6HPA) has announced that Northern Alameda County Amateur Radio Emergency Service has qualified for exemption from Federal income tax under Section 501(c)(3) of the Internal Revenue Code. Therefore, contributions to NALCO ARES are now deductible as charitable contributions on the donor's Federal income tax return. Anyone wishing to make a tax-deductible contribution to NALCO ARES or to obtain more information about the group may contact Fred at 843-9299, or write to P.O. Box 342, Berkeley CA 94701.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685 7388

902-928 MHz BAND IS OURS!

Acting on PR Docket 84-960, the FCC has announced the availability of 902-928 MHz for use by all radio operators holding Technician class licenses and above, effective 0001 UTC September 28, 1985 [1701 PDT Friday, Sept. 27]. Amateur use of the new band must be on a secondary, non-interference basis. Emission types NON, A1A, A2A, A2B, A3C, A3E, A3F, F1B, F2B, F3E, G3E, F3C, F3F, F8E, and P0N have been authorized. An interim bandplan for 902-928 MHz was adopted by the American Radio Relay League Board of Directors, and is shown here in a condensed version:

Segment	Use
902-904 MHz	Narrow bandwidth, weak signal communications
904-906	Digital communications
906-907	Narrow bandwidth FM simplex services
907-910	FM repeater inputs
910-916	Amateur television
916-918	Digital communications
918-919	Narrow bandwidth, FM control links and remote bases
919-922	FM repeater outputs
922-928	Wide bandwidth experimental, simplex ATV, spread spectrum

NALCO ARES NET CONTROL ASSIGNMENTS MADE

Fred Leif (WB6HPA), President of Northern Alameda County A.R.E.S., has announced Net Control assignments for the remainder of 1985 for the NALCO ARES Net, which meets each Thursday evening at 1915 local time on 147.54 MHz simplex:

Date	Primary	Alternate
Sept 5	Mal Raff (WA2UNP)	Woody Mertens (N6LFW)
Sept 12	Woody Mertens (N6LFW)	Al Streit (KG6HF)
Sept 19	Al Streit (KG6HF)	Fred Leif (WB6HPA)
Sept 26	Fred Leif (WB6HPA)	Ed Caine (KA6OFR)
Oct 3	Ed Caine (KA6OFR)	Graeme Welch (W6JRZ)
Oct 10	Graeme Welch (W6JRZ)	Larry Marks (W6VTJ)
Oct 17	Larry Marks (W6VTJ)	Mal Raff (WA2UNP)
Oct 24	Mal Raff (WA2UNP)	Woody Mertens (N6LFW)
Oct 31	Woody Mertens (N6LFW)	Al Streit (KG6HF)
Nov 7	Al Streit (KG6HF)	Fred Leif (WB6HPA)
Nov 14	Fred Leif (WB6HPA)	Ed Caine (KA6OFR)
Nov 21	Ed Caine (KA6OFR)	Graeme Welch (W6JRZ)
Nov 28	Graeme Welch (W6JRZ)	Larry Marks (W6VTJ)
Dec 5	Larry Marks (W6VTJ)	Mal Raff (WA2UNP)
Dec 12	Mal Raff (WA2UNP)	Woody Mertens (N6LFW)
Dec 19	Woody Mertens (N6LFW)	Al Streit (KG6HF)
Dec 26	Al Streit (KG6HF)	Fred Leif (WB6HPA)

BOB AND JOY PHELPS BID FAREWELL

It is with an honest mix of regret and envy that THE BLOWN FUSE must announce the departure of Joy Phelps (KA6WHD) and Bob Phelps (WB4DWU). Bob has retired, and he and Joy are loading up the RV to begin their leisurely journey across the United States. Their eventual destination will be Northern Florida, although Bob emphasized that it would be quite a while before they actually arrived. Their forwarding address is 614 39th Avenue N.E., St. Petersburg FL 33703. However, Bob told THE BLOWN FUSE that he will be a regular check-in to the RV Net on or near 7265 KHz each morning.

On behalf of the East Bay Amateur Radio Club, THE BLOWN FUSE extends sincere thanks to Bob and Joy for their contribution to amateur radio in this area, and wishes them only the best in the days to come.

TREASURER'S REPORT - JULY & AUGUST, 1985

July Income:

A.R.R.L. Membership (Renewal): N6EEG	\$ 25.00
Purchase of old W6CUS cable (N6LFW)	10.00
Auction Sales	13.30
Coffee Kitty	7.01
Station Fund	5.05
Total July Income:	\$ 60.36

July Expenses:

Blown Fuse printing	\$ 45.05
Blown Fuse postage	20.24
Extension Cord purchase	53.14
A.R.R.L. Membership (Renewal)	23.00
Total July Expenses:	\$138.43

August Income:

New Members: WA60DB, NT6V	\$ 8.00
A.R.R.L. Memberships: K6AGD, KB6IRR	50.00
Donation from Al6S and KB6P	25.00
Auction Sales	168.30
Coffee Kitty	9.00
Station Fund	3.60
Total August Income:	\$263.60

August Expenses:

Blown Fuse printing	\$ 41.85
Blown Fuse postage	18.48
Publicity Printing reimbursement: KB6WC	4.50
ICOM 735 with Keyer & filter	536.16
A.R.R.L. Memberships: K6AGD, KB6IRR	48.00
Total August Expenses:	\$648.99

Central Bank Accounts - August 12, 1985

Savings (Station Fund)	\$385.82
Checking (General Fund)	\$452.23

The ICOM 735 was purchased through our savings account (Station Fund). The very successful auction sales helped to offset this new debenture. Robby Robinson (KB6IRR) is a new member of the A.R.R.L., and under the new membership plan we are expecting a \$5.00 commission check from the A.R.R.L. Thanks, Robby! If you are not a member of the A.R.R.L. and have not been a member for the past five years, please join through the East Bay A.R.C. We can get \$5.00 for each new membership! Phil Wong, one of our newest members, was one of the big auction buyers at the last meeting. Thank you for your support.

Remember to feed the Kitty!
Gordon Parsons (NU6W)
Treasurer

GENERAL MEETING MINUTES

July 12, 1985

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:12 pm by First Vice President Bob Wheeler (KF6PD).

Field Day Review: The meeting began with the showing of slides and photographs taken at Field Day. In discussion after the slide show it was agreed that earlier, more thorough planning is an important goal for Field Day 1986. This would allow much greater choice in site selection and provide more coordinated operation of the stations.

Guests: Phil Wong (WA60DB), Roy Trumbull, and Mary Fields.

Upgrades: New callsign for John Percival is WI6O (formerly KG6HU).

Secretary & Treasurer: The May and June meeting minutes were accepted as published. Treasurer Gordy Parsons (NU6W) gave a report for the month of June.

Club Station: The purchase of a new HF rig for the Richmond Red Cross station will be considered by the Station Committee. Upcoming projects there include replacement of the antenna coax and the installation of a packet radio mailbox. The callsign of the former Richmond Radio Club (W6IWZ) has expired and cannot be renewed. A motion was passed to permit the use of the call W6CUS in its operation.

Public Service: Don Simon (NI6A) reported that some Club members participated in the efforts at the Lexington Fire. Dave Tyler (N6DRT) reported on the July 4th fire patrol and has information for anyone interested in the V.I.P. program with the CDF. A letter of appreciation from the Red Cross was received thanking the Club for help at the recent Special Olympics in Berkeley.

Publicity: Peter Gaposchkin (KB6WC) reported that a Field Day article was printed in the Albany-Berkeley Times. He will try to obtain a copy for the Club.

Membership: Al Streit (KG6HF) stated that Club membership stands at 66. Updated rosters will be made available frequently. A redesign of the membership card is being considered.

The meeting adjourned at 9:35 pm.

John Percival (WI6O), Secretary

FOR SALE

Heathkit Novice Course. Includes manual & 2 cassette tapes (5wpm CW & 1 other). Sells for \$45 new. My price \$10. Gordy Parsons (NU6W) 785-4290.

Hy-Gain TH6DXX. 6-element triband beam antenna. Good condition. Call for price. Joe Lee (WB6DOB) 724-0533.

EMERGENCY COMMUNICATIONS: DO I USE MY CALL SIGN?

By Dan Albertson (KA6RCZ)

Do I have to give my call sign if I am providing emergency communications? This is a question many hams that worked on the Lexington Reservoir fire in Los Gatos during July have found themselves asking.

Anyone who listened on the repeaters that handled the fire traffic probably noticed the use of "tactical call signs". These call signs such as "CDF Morgan Hill" or "Vasona Com" identified the location of the operator. Some tactical call signs also identified the type and purpose of the unit, such as "Drew's Shadow". This operator followed a California Division of Forestry (CDF) Public Information Officer named Drew, and provided on-the-spot communications when needed.

You may have noticed some operators using their tactical call sign in addition to their FCC call sign. You might have even heard some of the net control stations instruct units NOT to use their FCC call sign! This has become the subject of debate on some local repeaters.

To settle the argument, I called Phil Kane, an engineer at the FCC District Office in San Francisco. I asked about the fact that many Amateurs think that during emergency communications they don't have to give their FCC call sign, that only tactical call signs need be used. He explained that at one time there were RACES Licenses issued to Civil Defense Agencies. At that time, RACES members used the RACES call sign--followed by a unit number designation--instead of their Amateur call sign. Those licenses are no longer issued and the ones that were issued have expired.

I asked engineer Kane: "If there are no longer any RACES Licenses, under what authority does a Civil Defense Agency establish a RACES organization?" His answer: "Any Civil Defense Agency that has a RACES organization in place with a plan can activate RACES. At that point, the Amateurs are under the control of the Civil Defense Agency and subject to their

direction." He reminded me that RACES activation no longer exempts the operator from use of his or her Amateur Radio call sign. ARES, Red Cross, and CDF Volunteer programs that use Amateurs as volunteers are not considered to be RACES organizations. The rules regarding RACES communications are in Part 97, Subpart F.

I spoke with Dave Tyler (N6DRT), E.C.A.C. Pacific Division, who had also made the same inquiry to the FCC regarding call signs during RACES exercises. He was told that tactical call signs are permitted, but they are in addition to your regular FCC call sign. The regular requirements that you ID at least every ten minutes or at the end of an exchange of traffic (completion of a conversation) or both are still in effect.

If we look at Part 97, Subpart F, we'll find that Amateur Radio Communications must be conducted in accordance with the regular rules and regulations unless superseded by Subpart F. According to Phil Kane, the newest Subpart F does not provide for use of any call signs in lieu of your regular Amateur Radio Station call sign.

Do you have to use your Amateur Radio Call Sign when providing emergency communications? YOU BET YOU DO!

(Dan Albertson is an Oakland resident and a former member of the East Bay Amateur Radio Club.)

ROBERT CONLEY REMEMBERED

8 July, 1985

Dear Al and friends of East Bay ARC:

I think Silent Key must be the saddest words in our language.

Thank you so much for the kind testimonial in THE BLOWN FUSE. Truly I appreciate your words more than you know. The world is a poorer place for Robert's absence but we are richer who knew him.

In memory,
MARYLEE CONLEY

PROPOSED LAW TO OUTLAW MONITORING OF 800-MHz BAND PASSES STATE SENATE

Senate Bill 1431, authored by Sen. Herschel Rosenthal, has passed the California State Senate and has been sent to the Assembly for approval. This bill, if passed and signed by Gov. Deukmejian, will make it a crime to monitor the 800-MHz portion of the UHF band used by the new cellular telephone industry or to possess a receiver capable of listening to this band.

Cellular communication is a burgeoning industry for which the various telephone companies have invested millions. In marketing this product, the industry has studiously avoided mention that these devices are--simply put--radios. The average purchaser equates "telephone" with "landline," and the industry has done nothing to discourage this popular belief. Passage of this legislation will reinforce this misconception, and earn more profits for the cellular industry.

The last decade has seen efforts to outlaw reception of police calls and satellite TV transmissions. In general, these efforts have been unsuccessful. SB 1431 appears to be the latest battle to restrict the traditional right to receive radio/TV transmissions. Enactment of this bill will set a powerful precedent for future restrictions of this type.

The Scanner Association of North America (SCAN), 240 Fenc! Lane, Hillside IL 60162 has led the fight against this bill. After a late start, they failed to stop its passage in the Senate, but are hopeful of defeating it in the Assembly. However, the outcome is far from settled. If you feel strongly about this issue, you should write to your State Assemblyman at:

California State Assembly
State Capitol Building
Sacramento CA 95814

Local telephone numbers are:

Tom Bates	540-3176
Robert Campbell	237-0147
Elihu Harris	464-0339
Johan Klehs	464-0847

BASH TO QUIT PUBLISHING BUSINESS

An era in ham radio has come to an end according to the a story carried in the August issue of Nuts & Volts, which reported that Dick Bash (KL7IHP) has left the publishing business. A phone call to Bash Educational Services in San Leandro to confirm this produced only a disconnect recording with no referral.

A controversial figure who was literally despised by many in the ham radio community, Dick nonetheless was one of the first to realize that Amateur Radio must encourage--not discourage--new licensees. He pointed out that many long-time hams seemingly were proud of the 69% failure rate on FCC tests. He disagreed, and set out to change this. He felt that, in today's world, knowing complicated formulas was nowhere near as important as courtesy and good on-the-air operating procedure. His books were rife with stern lectures on this point!

When he began publishing his Test Guides, few would have believed that the ARRL would come to champion many of his ideas and methods. The man who was vilified for publishing answers to licensing tests must have enjoyed one last hollow laugh when the ARRL itself began publishing answers to the very tests that it administers! But, like all "radicals" who find their ideas co-opted by the "Establishment", he no longer has a niche to fill in ham radio.

I had the opportunity to meet Dick at a ham radio convention in San Jose last year. Although I expected to see the same rumpled, chain-smoking character depicted on the covers of his test guides, I found the real Dick Bash to be very polished and military in his demeanor. Several hams dropped by to thank him for his help in obtaining their licenses, which he found most satisfying.

Although Bash Educational Services has left the ham radio community, I sincerely hope that Dick Bash himself will continue to make his presence--and influence--felt.

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in West Contra Costa and Northern Alameda Counties, and is open to anyone with an interest in amateur radio! Annual dues are \$12, payable in January. Write or call any East Bay A.R.C. official listed below for further information!

EAST BAY A.R.C. OFFICERS, BOARD MEMBERS, COMMITTEE CHAIRMEN

Ed Arnold (K6AGD) President	223-7967
Bob Wheeler (KF6PD) First Vice President	483-6724
Dave Lowrey (KB6APL) Second Vice President	946-9173
Al Streit (KG6HF) Third Vice President	526-5743
John Percival (WI6D) Secretary	232-8111
Gordy Parsons (NU6W) Treasurer	785-4290
Ray Ahlberg (N6DIG) Past Pres. & CCRC Rep.	525-8858
Betty Baldo (KB6P) Executive Board	653-1650
Grant Calhoun (N6XP) Executive Board	233-0566
Steve Dodge (K6ZR) Executive Board	233-5833
Carl Eastman (KA6OLK) Executive Board	237-2621
Leo Lewis (WA6ZFY) Executive Board	233-0301
Sam Mason (WD6FTM) Executive Board	526-5104
Don Simon (NI6A) Executive Board	237-1381
Don Waits (WD6DLR) Executive Board	529-1785
Grant Calhoun (N6XP) Legal & Finance	233-0566
Steve Dodge (K6ZR) Constitution, Technical	233-5833
Don Dunn (K6BJJ) Historian	526-1736
Peter Gaposchkin (KB6WC) Publicity	527-1232
Joe Lee (WB6DOB) Awards, W6CUS Trustee	724-0533
Gordy Parsons (NU6W) Fund Raising	785-4290
Don Stiver (N6EEG) Club Station, Field Day	233-5846
Al Streit (KG6HF) BLOWN FUSE Editor, Membership	526-5743
Don Waits (WD6DLR) Education & Upgrading	529-1785
Bob Wheeler (KF6PD) Program	483-6724

AMATEUR RADIO NETS

EAST BAY AMATEUR RADIO CLUB SLOW CW NET	WEDS	2100	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	WEDS	2100	21.395
West Contra Costa County RACES/ARES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.490
Northern California Net (CW)	Daily	1900	3.630
Northern California Net Slow Speed (CW)	Daily	2030	3.630
Sixth Region Net Daytime (SSB)	Daily	0945/1530	7.275
Sixth Region Net Evening (CW)	Daily	1945/2130	3.655
EAST BAY A.R.C. PACKET RADIO MAILBOX (W6CUS-1)	24 HRS/DAY		145.090

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to East Bay A.R.C. members. THE BLOWN FUSE welcomes articles of interest to its members and amateur radio in general. Deadline for October issue: Saturday, September 28. THE BLOWN FUSE reserves the right to edit or reject any article submitted. Material submitted becomes the property of THE BLOWN FUSE. All articles herein by Al Streit (KG6HF) except where noted. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given.

"The Key to Worldwide



Communications"

HAM RADIO OUTLET

THE COMPLETE RESOURCE FOR YOUR HAM RADIO NEEDS.

KENWOOD TS-430S



CALL FOR LOW, LOW PRICE
FREE GOODS
FREE UPS SURFACE

TOLL-FREE PHONE INCLUDING ALASKA AND HAWAII

KENWOOD TS-940S

TOP-OF-THE-LINE
HF TRANSCEIVER



PAY REG.
PRICE OF **\$1799.95**
RECEIVE FREE

AT-940 \$199 Value
ANTENNA TUNER
MC-60A \$79.95 Value
MICROPHONE

FREE UPS SURFACE

KENWOOD TS-711A and TS-811A



Ideal VHF/UHF base stations for
2M/70CM transceive operation.
GREAT PRICES. CALL

KENWOOD HAND-HELDS



TR-2600A Deserves its
well-earned reputation
as the leading HT.

TH-21AT/41AT
COMPACT!
Only 2.4"W, 4.72"H, 1.1"D
Outstanding performers
in an ideal package size.



CALL FOR PRICE

KENWOOD TW-4000A

PAY
REGULAR
PRICE OF
\$599.95



RECEIVE FREE

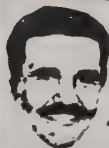
THE FOLLOWING
1) VS-1 VOICE SYNTHESIZER \$39.95 VALUE
2) TU-4-C SUB-AUDIBLE \$39.95 VALUE
3) MA-4000 DUO-BAND
MOBILE ANTENNA, \$44.95 VALUE **PLUS
FREE UPS**

FREE SHIPMENT

MOST ITEMS U.P.S. SURFACE.

6 STORE BUYING POWER!

PERSONALIZED SERVICE



BOB FERRERO, Owner
JIM RAFFERTY, Owner
VP So. Calif. Div. Anaheim
GEORGE WISSEY, Burlington
DON WISSEY, Oakland
BOB KIRBY, Phoenix
GLENN ASHA, San Diego
AL KRYHA, Van Nuys
and other active managers to serve you

800-854-6046

THE TOLL FREE NUMBER IS NOT IN EFFECT IN THE STATES OF
CALIF. AND ARIZONA
CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT NEAREST STORE
PHONE HOURS: 9:30 AM TO 5:30 PM PACIFIC TIME.
STORE HOURS: 10 AM TO 5:30 PM Mon. through Sat.

FREE SHIPMENT
MOST ITEMS U.P.S. SURFACE



ANAHEIM, CA 92801
2620 W. La Palma,
(714) 761-3033, (213) 860-2040,
Between Disneyland & Knott's Berry Farm.
BURLINGAME, CA 94010
990 Howard Ave.,
(415) 342-5757,
5 miles south on 101 from San Fran. Airport.

OAKLAND, CA 94609
2811 Telegraph Ave.,
(415) 451-5757,
Highway 24 Downtown. Left 27th off-ramp.
PHOENIX, AZ 85015
1702 W. Camelback Road,
(602) 242-3515,
East of Highway 17.

SAN DIEGO, CA 92123
5375 Kearny Villa Road,
(619) 560-4900,
Highway 163 and Clairemont Mesa Blvd.
VAN NUYS, CA 91401
6265 Sepulveda Blvd.,
(818) 988-2212
San Diego Freeway at Victory Boulevard

AEA • ALLIANCE • ALPHA • AMECO • B & W • CALLBOOK • CENTURION • COLLINS • JSC • J. W. MILLER • KANTRONICS • SIGNAL ONE • STONER • TEMPO • TEN TEC
LAMPEND • ANITEK MARK • ANTENNA • COLUMBIA • CURTIS • CUSHCRAFT • KENWOOD • ALM • LARSEN • LUNAR • METZ • TRISTAR • TRILUX • VAN GORDON • VOICOM
SPECIALISTS • APRIL • ASTRON • BASH • DAIWA • DRAKE • DEXEDGE • EIMAC • MFJ • MICRO LOG • MINI PRODUCTS • VIKROPLEX • WEST • YAESU and more
BELOD • BENCHER • BIRD • BUTTERNUT • GILFER • HAL • HUSTLER • HY GAIN • ICOM • MIRAGE • NYE • PALOMAR • ROBIN • SHURE

Prices specifications descriptions subject to change without notice. Calif. and Arizona residents please add sales tax

QLF

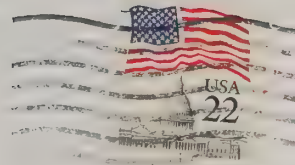
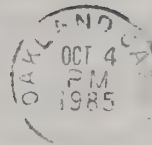
EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE



**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



DUNN, DON K6BJJ
835 SANTA BARBARA RD
BERKELEY CA 94707

FIRST CLASS MAIL

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

-1985-

COMING EVENTS

OCT 11	7:30 pm	W6EJA Memorial Station opens
	8:00 pm	EAST BAY A.R.C. MEETING
NOV 8	8:00 pm	EAST BAY A.R.C. MEETING
		Election of 1986 Club Officers
DEC 13	8:00 pm	EAST BAY A.R.C. MEETING
		Christmas Party
		Installation of 1986 Club Officers

**THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second
Friday of each month at the Salvation Army Church, 1110 36th St. (at
Rheem Ave.), Richmond, CA**

1986 E.B.A.R.C. MEMBERSHIP DRIVE BEGINS

1986 DUES PAYABLE NOW

Beginning this month, 1986 dues will be solicited and collected on a regular basis, according to EBARC Treasurer Gordy Parsons (NU6W). Early payment of dues benefits the Club and its members in two ways. First, it assures the Club of continued financial viability. Second, less time is taken during meetings (and in THE BLOWN FUSE) for continued solicitation. Since the membership campaign extends through March, this last point should be taken seriously!

As in the immediate past, dues remain \$12 per year for individual memberships. Dues may be paid in person at the regular monthly meetings, or may be mailed to: E.B.A.R.C., P.O. Box 6211, Albany CA 94706.

\$15 FAMILY MEMBERSHIP RATE CREATED

Departing from its policy of a unitary membership rate, members of the East Bay Amateur Radio Club voted at the September 13 meeting to create a Family Membership rate of \$15 per year. Under this plan, payment of one \$15 annual fee would entitle two or more family members living in the same household to membership in the EBARC. There would be but one copy of THE BLOWN FUSE sent to the household.

In effect, this would allow spouses and children of current members to join the EBARC for an additional \$3 per year. Potential benefits of this plan include encouraging an interest in amateur radio among family members; increasing the ranks of the EBARC; and making spouses feel more "welcome" at meetings. Since the major expenditure of the Club is publishing THE BLOWN FUSE, the plan makes financial sense as well.

The plan will not change requirements for membership or voting, nor has it created another class of membership. As before, membership is open to anyone with an interest in ham radio, whether licensed or not. Voting privileges will remain restricted to licensees only.

KG6HF Editorial

ARRL CLUB RENEWALS LAG

Most readers are aware that the East Bay A.R.C. is affiliated with the American Radio Relay League. Its logo graces the cover of THE BLOWN FUSE and will be displayed on the new membership cards. Although the vote to affiliate was undoubtedly taken many years ago, my sense is that most Club members (whether ARRL members or not) are satisfied with the status quo.

One of the main benefits received from ARRL affiliation is the ability to earn a \$2 commission for each ARRL membership renewal solicited from Club members. Also, for a limited time, a \$5 commission is earned for new ARRL memberships obtained by the Club.

In order for the EBARC to maintain ARRL affiliation, a majority (50% plus one) of EBARC members must be ARRL members themselves. Currently, there are 74 members of the EBARC. Of this total, 41 (55.4%) are ARRL members. To put this in perspective, only about 31% of all licensed amateurs belong to the ARRL.

THE BLOWN FUSE takes no position for or against the ARRL: this editorial is not written to encourage ARRL membership. The point is, most Club members have opted for ARRL membership, yet during the past twelve months, only 15 Club members began or renewed ARRL membership through the Club! Even allowing for the fact that some may have previously renewed for more than one year, this is still a poor showing.

Had there been a virtually unanimous renewal among EBARC/ARRL members, the Club could have earned another \$50 in commissions at no additional cost to the individuals! If this important benefit continues to be unavailable, in effect, to the Club, perhaps it is time the Executive Board took a hard look at disaffiliation.

EAST BAY AMATEUR RADIO CLUB PROVIDES MEXICAN DISASTER LINK

On September 19-20, two major earthquakes rocked Mexico City (a city of 15 million people). Miraculously, telephone lines within the Mexico City area remained up for the most part. However, trunk lines connecting the city with the outside world were down for over a week. Friends and relatives of the earthquake victims had no means other than radio communication to learn of their loved ones' fate. As usual, amateur radio operators turned out to provide much of this vital link.

Salvation Army branches throughout the Bay Area relied on the efforts of the EBARC to handle its health-and-welfare (H&W) and emergency traffic. The Club effort was spearheaded by (who else?) Dave Tyler (N6DRT). Dave pulled down 32 shifts (111 hours!) at the Station, plus additional hours at his home. All told, 12 EBARC members volunteered some of their time to assist the effort:

NAME	CALL	HRS	SHIFTS
Dave Tyler	N6DRT	111	32 shifts + home
Doug Cain	N6JNK	22	6 shifts
Jack Whittock	KA6NQJ	20	3 shifts + home
Joe Peoples	NG6C	16	4 shifts
Ed Arnold	K6AGD	10	3 shifts + home
Don Simon	NI6A	10	3 shifts
Joe Lee	WB6DOB	8	2 nights at home
Al Streit	K66HF	8	2 shifts
Larry Marks	W6VTJ	7	2 shifts (night)
Robert Dorsey	KA6WAG	6	1 shift + home
Don Stiver	N6EEG	4	1 shift
Bob Wheeler	KF6PD	4	1 shift

The typical H&W message consisted of the name and phone number of the Mexico City resident about whom a local resident was inquiring. The EBARC member would transmit the phone number to a ham in Mexico City, usually Pat McGrath (XE1DDF). Typically, 14.285 MHz was used during daytime hours. Volunteers in Mexico City would then call that number and inquire about the person in question. The status (good, bad, or otherwise) would later be transmitted back to the local ham operator via 20 meters.

It was gratifying also to see the favorable publicity regarding ham radio

that this effort produced. KGO's Jim Eason Show featured a number of re-broadcasts of 20-meter amateur radio traffic. The San Francisco Chronicle (see below) carried a number of articles about ham-radio efforts. The West County Times reported the activities at the W6EJA Memorial Station, aptly recognizing the herculean efforts of Dave Tyler!

HAMS ON THE JOB ONCE AGAIN
(San Francisco Chronicle, Sunday, September 29, 1985)

Amateur Radio operators, hams, as they are known, have once again made a distinctive contribution at a time of great distress, this time providing emergency communication in the Mexico City earthquake disaster. With commercial telephone and radio services destroyed or disrupted, a small group of Mexican hams remained on the air to send messages from the quake area to the world outside. Their time, their talent, their willingness to serve in cooperation with their American colleagues in time of disaster have been, once again, vital to the strangers they serve. We can think of no other hobby that contributes so much to society when trouble strikes.

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

Now Carrying

YAESU products

at

VERY COMPETITIVE PRICES

California's Newest

Authorized

YAESU

Dealership

The Base Station

2101 Pacheco St Concord CA 94520

(415) 685 7388

W6CUS-1 INTERNATIONAL PACKET RADIO MAILBOX OPERATIONAL

by Don Simon (NI6A)

A loose association of East Bay packeteers has been meeting irregularly at the Richmond Red Cross to effect mailbox, gateway, and digipeater projects that are needed in the area. It has served to help acquaint newcomers to packet operations, help trouble shoot faulty packet radio equipment, facilitate mailbox, gateway, and digipeater projects, etc. It is this group that has created and is maintaining the W6CUS-1 VHF/HF Gateway/Mailbox at the WA6JSO Memorial Station and is in the process of establishing a dual port digipeater at 1000 Feet in the Berkeley Hills.

On Saturday, September 23, a 12 Megabyte hard disk was added to the W6CUS-1 Mailbox by William Danielson (N6FQR) and Eric Williams (WD6CMU), members of the East Bay Packet Radio Association. This mailbox serves over 100 Bay Area hams on 145.09 Mhz as the Bay Area's only functioning packet radio mailbox. It currently has close to a megabyte of data stored in its banks about Ham radio including ARRL Bulletins, W5Y1 Reports, HAMNET, Gateway Magazine (ARRL), Propagation forecasts, State RACES Bulletins, National Traffic System traffic, and topics on the latest in digital communications. Hams from all over Northern California advise methods of accessing the W6CUS-1 Mailbox. The last two issues of Gateway Magazine mentioned it as a source, so W6CUS-1 is getting national publicity! A conference was held there the same day to discuss the role of packet radio mailboxes in disaster and public service communications. Many important areas were identified for further development by the many who attended.

Gateway Magazine has publicized the fine work the East Bay Packet Radio Association is doing at the WA6JSO Memorial Station. This is important, as the American Red Cross has decided to computerize their operations nationally. A recent contract signed this week will allow for packet radio integration into their computer systems in times of disaster.

On Monday, September 25, the HF gateway port was established, making W6CUS-1 only the second mailbox to be gatewayed to HF, and is now on 14.103 Mhz as well. We are helping to provide valuable national communications service to the entire West Coast this way. The East Bay Packet Radio Association members give freely of their time and resources in cooperation with the Red Cross and the East Bay Amateur Radio Club to make this station functional. EBPR members include EBARC members Larry Marks (W6VTJ), Don Stiver (N6EEG), Carl Eastman (KA6OLK), Rich Fish (N6IIW), Don Simon (NI6A), Bob Wheeler (KF6PD), and Phil Wong (WA6ODB), as well as non-EBARC members Jim Johnston (K6APW), Eric Williams (WD6CMU), John Powell (WB6SDS), Dennis Jacobson (N6NG), Alan Biocca (WB6ZQZ), Dave Goldhaber (AG1E), and William Danielson (N6FQR).

Current EBPR projects include installation of a new antenna at the WD6CMU-1 digipeater, modification of 220-MHz radios for high-speed linking 2-meter radios for digipeaters, building of a 9600-baud modem and a 220-MHz colinear antenna, and installation of two mailbox/computer systems with hard-disk drive. For further information, contact Don Simon at 237-1381.

BILL FISHER DONATES GENERATOR TO CLUB STATION

by Don Simon (NI6A)

Long time club member Bill Fisher (WD6FR0) has donated a 4 Kw generator to the WA6JSO Memorial Station at the Richmond Red Cross for use in disasters. It will help support lighting and communications during the times most needed. We will probably be able to test this out on Field Day 1986 if all goes well. President Ed Arnold (K6AGD) and Don Stiver (N6EEG) are spearheading a group to build a cooling system for it. Anyone with mechanical and metal experience is needed; please contact Ed Arnold at 223-7967.

EBARC PARTICIPATES IN SAFETY DAY

East Bay A.R.C. members joined Northern Alameda County A.R.E.S. in participating in Tri-City Safety Day at El Cerrito Plaza September 28. This annual exhibit includes exhibits by fire, police, ambulance, and other emergency-service agencies from El Cerrito, Albany, and Kensington, as well as other communities and regional agencies (BART, East Bay Regional Parks, etc.). Dignitaries such as Ronald McDonald and Smokey the Bear also attend!

This year, NALCO ARES provided a display which included 2-meter and 220-MHz FM gear and packet radio, as well as informational literature. There was considerable interest shown by the several thousand people who attended, partly attributable to the widespread publicity generated by the Mexican Earthquake.

Club members attending included Doug Cain (N6JNK), Woody Mertens (N6LFW), Robby Robinson (N6MNL), Don Simon (NI6A), Don Stiver (N6EEG), Al Streit (KG6HF), Graeme Welch (W6JRZ), and Jack Whittock (KA6NQJ). EBARC member and Northern Alameda County E.C. Larry Marks (W6VTJ) coordinated the amateur participation.

1986 NOMINATING COMMITTEE CHOSEN

by Don Simon (NI6A)

At the last meeting of the East Bay Amateur Radio Club, Joe Lee (WB6DOB), Don Simon (NI6A), and Peter Gaposchkin (KB6WC) were named to the 1986 Nominating Committee. The Nominating Committee will present its recommendations to the November meeting, where it will place candidates into nomination. (As usual, nominations will be open from the floor.) All suggestions will be seriously considered. Please call Joe, Peter, or Don with your suggestions, or speak with one of us at the October 11 meeting. If YOU would consider accepting a position, don't wait for us to call; let us know!

SIX NEW CLUB MEMBERS ADDED!

East Bay A.R.C. membership stands at 74 as of October 1st, with the addition of the following to our ranks: Mike Kan (KB6IRQ), a Novice Class licensee from Oakland; Art McLaughlin (W6THD), a Berkeley resident and Extra Class licensee; Dave Pugatch, also from Berkeley who is interested in becoming a ham; Phil Saxton (N6ASB), who hails from San Pablo and holds a General Class license; Joanne Streit (N6LSV), a Technician from Albany who is the first to join under the new Family Membership plan; and Frank Taylor (WA6UBV), a former EBARC member now living in Los Angeles but planning to move back to this area. WELCOME TO THE E.B.A.R.C.!

EBARC SLOW-CW NET MAY FOLD

The East Bay Amateur Radio Club Slow CW Net may die for lack of interest, according to one of its regular check-ins. The Slow CW Net was begun anew earlier this year after a lapse of several months. It had its origins many years ago as the Richmond Radio Club Slow CW Net.

The Net is designed as a means for Novice and Technician Class amateurs to increase their code speed from 5 wpm to 13 wpm in order to qualify for a General Class license. However, save for the rare Wednesday night when additional hams check in, only three stations are ever heard: Doug Cain (N6JNK), John Billones (WD6GGC), and John Percival (WI6O). All three hold General Class licenses or above!

If the nineteen EBARC Novices or Technicians are not interested in participating, it must be assumed that either they simply aren't interested in upgrading, or the Net is not helping them effectively.

All Club Novices and Techs are requested to make themselves heard on this subject. Believe it or not, the sunspot cycle will turn around one day, and the fun of the low bands will return. We'd still like to help you get there!

GENERAL MEETING MINUTES August 9, 1985

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:00 pm by President Ed Arnold (K6AGD).

Guests: Joe Campbell (KD6DY), Dick Gray (WA6RUM), Hank Knox (KG6KZ), Scott Miles (WB6PQM), Al Norman, Mike Scott (N6G0Z), Joanne Streit (N6LSV), and Robert Williams (KA6AHL).

Upgrades: R.L. "Robby" Robinson (KB6IRR) has upgraded from Novice to Technician.

Treasurer: The Treasurer's report for June, 1985 was accepted as published in The Blown Fuse.

Club Station: W6CUS Trustee Joe Lee (WB6DOB) reminded Club members that a control operator must be present before the Club Station is put on the air.

Public Service: No special activities are planned for August or September.

Publicity: Peter Gaposchkin (KB6WC) announced that volunteer exams would be given at the Berkeley Red Cross on Saturday, August 31, at 9:00 am.

Announcements: Carl Clark (WA6KTL) is at Herrick Hospital and is showing improvement after suffering a stroke. Philip Wong (WA6DOB) has joined the Club at this meeting.

Program: An interesting presentation on Amateur Television (ATV) was given by Joe Campbell (KD6DY) and Mike Scott (N6G0Z). Joe introduced the subject and described typical operating practice. He related some of his own experiences and showed a video tape of his shack and antenna. Mike spoke about the technical aspects and described a Mt. Diablo ATV repeater. An across-the-room demonstration was given, with 450 MHz transmission being received by a down converter to TV channel 3. A video recording of transmissions from a recent space shuttle flight was also shown. Later, Gordy Parsons (NU6W) showed slides taken at the Special Olympics held in Berkeley June 29-30.

The meeting adjourned at 10:00 pm and was followed by an auction.

John Percival (W160), Secretary

GENERAL MEETING MINUTES September 13, 1985

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:07 pm by President Ed Arnold (K6AGD).

Guests: Kit Chantarotwong, Michael Kan (KB6IRQ), Art McLaughlin (W6THD), Dave Pugatch, Phil Saxton (N6ASB), Rod Stafford (KB6ZV), and Frank Taylor (WA6VBV).

Upgrades: Graeme Welch (W6JRZ) has made the step from Advanced to Extra. Robby Robinson, formerly KB6IRR, has a new callsign: N6HNL.

Club Station: Club members were shown the new ICOM IC-735 HF transceiver purchased for use at the WA6JSO Memorial Station. Don Simon (N16A) suggested that the Club's vertical antenna be moved to that Station.

Public Service: Dave Tyler (N6DRT) announced this year's SET will be Saturday, October 19th.

History: Don Dunn (K6BJJ) displayed his collection of Blown Fuse issues from 1967 to date and Field Day photos from 1948 to date.

Education: Novice classes will begin Tuesday evening, November 5th, at the Richmond Red Cross. VEC exams will be given in December at the Berkeley Red Cross.

Membership: Al Streit (KG6HF) reports that the Club membership renewal drive starts in October. A motion was approved to create a Family Membership at \$15 per year.

Program: The guest speaker was Rod Stafford (KB6ZV) will be the ARRL Pacific Division Director for 1986-7. His talk covered efforts towards adoption of PRB-1 to establish Federal preemption over local antenna ordinances, as well as the proposed expansion of Novice privileges to include phone and digital modes on 10 meters, 220 MHz, and 1.2 GHz. Expressing concern for the future of amateur radio, he pointed out that large numbers of Novices never get on the air, and that fewer than 15% ever upgrade.

The meeting adjourned at 10:52 pm.

John Percival (W160), Secretary

ICOM IC-735 INSTALLED AT WA6JSO MEMORIAL STATION

by Don Simon (N16A)

The new ICOM 735 transceiver, recently installed at the WA6JSO Memorial Station, is now operational. We owe a debt of gratitude to Ham Radio Outlet in Oakland who agreed to act as intermediaries between us and ICOM America to secure a very special deal for the Club, solely on the basis that it was to be installed at a Red Cross station. The cost, with tax and installation of the narrow CW filter (500 Hz) and iambic keyer, was but \$536.16. Now that's a real bargain! We owe a real hooray for ICOM, as that price is below their dealer price. With those two extras (plus tax) this radio would list for over \$900. Any way one looks at it, the EBARC saved approximately \$300!! (Speaking of upgrading, the WA6JSO Memorial Station needs the following: Keyer paddle, bug, headphones, soldering station, tools, vom, scope, phone patch, and coax.)

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone with an interest in amateur radio! Individual membership is \$12 per year; family membership is \$15 per year. Write or call any East Bay A.R.C. official listed below for further information!

EAST BAY A.R.C. OFFICERS, BOARD MEMBERS, COMMITTEE CHAIRMEN

Ed Arnold (K6AGD) President	223-7967
Bob Wheeler (KF6PD) First Vice President	483-6724
Dave Lowrey (KB6APL) Second Vice President	946-9173
Al Streit (KG6HF) Third Vice President	526-5743
John Percival (W16D) Secretary	232-8111
Gordy Parsons (NU6W) Treasurer	785-4290
Ray Ahlberg (N6DIG) Past Pres. & CCRC Rep.	525-8858

Betty Baldo (KB6P) Executive Board	653-1650
Grant Calhoun (N6XP) Executive Board	233-0566
Steve Dodge (K6ZR) Executive Board	233-5833
Carl Eastman (KA6OLK) Executive Board	237-2621
Leo Lewis (WA6ZFU) Executive Board	233-0301
Sam Mason (WD6FTM) Executive Board	526-5104
Don Simon (NI6A) Executive Board	237-1381
Don Waits (WD6DLR) Executive Board	529-1785

Grant Calhoun (N6XP) Legal & Finance	233-0566
Steve Dodge (K6ZR) Constitution, Technical	233-5833
Don Dunn (K6BJJ) Historian	526-1736
Peter Gaposchkin (KB6WC) Publicity	527-1232
Joe Lee (WB6DOB) Awards, W6CUS Trustee	724-0533
Gordy Parsons (NU6W) Fund Raising	785-4290
Don Stiver (N6EEG) Club Station, Field Day	233-5846
Al Streit (KG6HF) BLOWN FUSE Editor, Membership, Hospitality	526-5743
Don Waits (WD6DLR) Education & Upgrading	529-1785
Bob Wheeler (KF6PD) Program	483-6724

AMATEUR RADIO NETS

EAST BAY AMATEUR RADIO CLUB SLOW CW NET	WEDS	2100	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	WEDS	2100	21.395
West Contra Costa County RACES/ARES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.490
Northern California Net (CW)	Daily	1900	3.630
Northern California Net Slow Speed (CW)	Daily	2030	3.630
Sixth Region Net Daytime (SSB)	Daily	0945/1530	7.275
Sixth Region Net Evening (CW)	Daily	1945/2130	3.655

EAST BAY A.R.C. PACKET RADIO MAILBOX (W6CUS-1)	24 HRS/DAY	145.090
--	------------	---------

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to East Bay A.R.C. members. THE BLOWN FUSE welcomes articles of interest to its members and amateur radio in general. Deadline for November issue: Saturday, October 26. THE BLOWN FUSE reserves the right to edit or reject any article submitted. Material submitted becomes the property of THE BLOWN FUSE. All articles herein by Al Streit (KG6HF) except where noted. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given.

"The Key to Worldwide



Communications"

HAM RADIO OUTLET

THE COMPLETE RESOURCE FOR YOUR HAM RADIO NEEDS.



ICOM IC-R71A

SUPERIOR GRADE
GENERAL COVERAGE
RECEIVER



Regular \$799
SALE! \$629.95

TOLL-FREE PHONE

INCLUDING ALASKA AND HAWAII



ICOM

HAND-HELDS



IC-02AT IC-2AT IC-3AT
IC-04AT IC-4AT

**AT GREAT LOW
SUMMER PRICES**

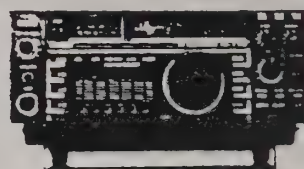
FREE SHIPMENT

MOST ITEMS U.P.S. SURFACE.



ICOM IC-735

THE LATEST IN ICOM'S LONG LINE
OF HF TRANCEIVERS



CALL FOR LOW, LOW PRICE



ICOM IC-37A



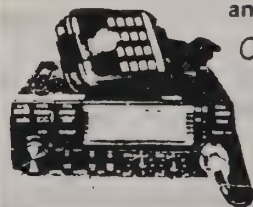
220 MHz's BEST BUY!
REGULAR \$449
SALE! \$299.95
LIMITED QUANTITIES
THIS PRICE.



**ICOM LATEST
EDITION**

IC-3200A DUAL BANDER

COVERS BOTH 2 METERS
and 70CM



CALL FOR
LOW,
LOW
PRICE

6 STORE BUYING POWER!

PERSONALIZED SERVICE



BOB FERNERO V8RL
President
JIM RASPEARTY W8RL
VP So Calif Div Anaheim
Managers
GEORGE WILCOXY Burlington
DON WISPE Oakland
BOB KIRTON Phoenix
GLENN KERR San Diego
AL KRYTA Van Nuys
and other active amateurs to serve you

ANAHEIM, CA 92801
2620 W. La Palma,
(714) 761-3033, (213) 860-2040,
Between Disneyland & Knott's Berry Farm.
BURLINGAME, CA 94010
990 Howard Ave.,
(415) 342-5757,
5 miles south on 101 from San Fran. Airport.

800-854-6046

THE TOLL FREE NUMBER IS NOT IN EFFECT IN THE STATES OF
CALIF. AND ARIZONA
CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT NEAREST STORE
PHONE HOURS: 9:30 AM TO 5:30 PM PACIFIC TIME.
STORE HOURS: 10 AM to 5:30 PM Mon. through Sat.

OAKLAND, CA 94609
2811 Telegraph Ave.,
(415) 451-5757,
Highway 24 Downtown. Left 27th off-ramp.
PHOENIX, AZ 85015
1702 W. Camelback Road,
(602) 242-3515,
East of Highway 17.

SAN DIEGO, CA 92123
5375 Kearny Villa Road,
(619) 560-4900,
Highway 163 and Clairemont Mesa Blvd.
VAN NUYS, CA 91401
6265 Sepulveda Blvd.,
(818) 988-2212
San Diego Freeway at Victory Boulevard



AEA • ALLIANCE • ALPHA • AMECO • B&W • CALBOOK • CENTURIAN • COLLINS • JSC • J.W. MILLER • KANTRONICS • SIGNAL ONE • STICHER • TEMPO • TEN TEC
AMPHENOL • AMSTER MARK • ANTENNA • COLUMBIA • CURTIS • CUSHCRAFT • KENWOOD • KLM • LARSEN • LUNAR • METZ • TRISTAD • TRIER • VAN GORDON • VOCON
SPECIALISTS • ARRL • ASTRON • B&H • DAIWA • DRAKE • DX EDDIE • EIMAC • MFJ • MICRO LOG • MINI PRODUCTS • VIBROPLEX • WEST • YAESU and more
BELDEN • BENCHER • BIRD • BUTTERMUT • GILFER • HAL • HUSTLER • HY GAIN • ICOM • MIRAGE • NYE • PALOMAR • ROHN • SHURE

Prices, specifications, descriptions subject to change without notice. Calif. and Arizona residents please add sales tax.

QLF

EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE



**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



DUNN, DON K6BJJ
835 SANTA BARBARA RD
BERKELEY CA 94707

FIRST CLASS MAIL

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

- | | | |
|--------|---------|--|
| NOV 5 | 7:30 pm | Novice Classes begin
WA6JSO Memorial Station
32nd & MacDonald, Richmond |
| NOV 8 | 7:30 pm | W6EJA Memorial Station opens |
| | 8:00 pm | EAST BAY A.R.C. MEETING
Election of 1986 Club Officers |
| DEC 13 | 8:00 pm | EAST BAY A.R.C. MEETING
Christmas Party
Installation of 1986 Club Officers |

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

FCC: "YES" TO FEDERAL PREEMPTION!

(Condensed from THE ARRL LETTER, September 30, 1985)

"STATE AND LOCAL REGULATIONS THAT OPERATE TO PRECLUDE AMATEUR COMMUNICATIONS IN THEIR COMMUNITIES ARE IN DIRECT CONFLICT WITH FEDERAL OBJECTIVES AND MUST BE PREEMPTED." So saying, FCC, on September 16, 1985, adopted a Memorandum Opinion and Order in PRB-1, granting ARRL's request for limited Federal preemption over state and local regulations involving amateur radio facilities. In filing its request, the League had acknowledged the need for local authorities to regulate amateur radio facilities to the degree necessary to insure the safety and health of community residents. But, ARRL argued, such regulations must not be so restrictive that they could preclude effective amateur communication.

The FCC Opinion stated, in part: "Local municipalities or governing bodies frequently enact regulations limiting antennas and their support structures in height and location, e.g. to side or rear yards, for health, safety, or aesthetic considerations. These limiting regulations can result in conflict because the effectiveness of the communications from an amateur station are directly dependent upon the height of the antenna. Other limits are enacted by local jurisdictions: anti-climb devices on towers, or fences around them; minimum distances of towers from property lines; and regulations pertaining to the structural soundness of the amateur installation. By and large, amateurs do not find these safety precautions objectionable. What they do object to are the sometimes prohibitive, non-refundable application filing fees to obtain a permit to erect an antenna installation and those provisions in ordinances which regulate antennas for purely aesthetic reasons."

Who came out in support of PRB-1? Answer: the American Red Cross, the Department of Defense, and city and county civil defense groups, who agreed that overly restrictive antenna ordinances would adversely affect the success of disaster relief efforts, national security and emergency

preparedness operations. On the adversarial side, subdivision associations, the National Association of Counties, the American Planning Association, and the National League of Cities were opposed to Federal preemption.

The Commission wrote: "There is a strong federal interest in promoting amateur communications. Upon weighing these interests, we believe a limited preemption policy is warranted. State and local regulations that operate to preclude amateur communications in their communities are in direct conflict with Federal objectives and must be preempted.

"We will not, however, specify any particular height limitation below which a local government may not regulate, nor will we suggest the precise language that must be contained in local ordinances, such as mechanisms for special exceptions, variances, or conditional use permits. Nevertheless, local regulations which involve placement, screening, or height of antennas based on health, safety, or aesthetic considerations must be crafted to accommodate reasonably amateur communications, and to represent the minimum practicable regulation to accomplish the local authority's legitimate purpose."

So the preemption issue is not cut and dried. The eleven-page document we call PRB-1 is not an instant cure-all for difficulties we face now, nor does it guarantee friendly agreement on the placement of antennas and antenna supports everywhere in the future. Yet, the FCC feels it has provided a valuable tool in PRB-1, and states further: "Amateur operators who believe that local and State governments have been overreaching and thereby have precluded accomplishment of their legitimate communication goals may, in addition, use [PRB-1] to bring our policies to the attention of local tribunals and forums."

(The full text of PRB-1 is contained in the November issue of QST.)

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

NOW CARRYING

YAESU PRODUCTS

AT

VERY COMPETITIVE PRICES

CALIFORNIA'S NEWEST AUTHORIZED

YAESU DEALERSHIP

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685-7388

VICTORY FOR HAMS ON SCANNER BAN PROPOSAL

(Condensed from Worldradio, November, 1985)

A July 31 meeting between State Senator Hershel Rosenthal and Los Angeles attorney Joe Merdler (N6AHU) has resulted in a number of important amendments to SB-1431, the bill which attempted to outlaw public ownership of any receiving gear for the 800 MHz cellular telephone band in California. These amendments exempt all radio reception gear except that which is specifically designed to intercept cellular radio-telephone conversations. In other words, scanners which have incidental coverage of this spectrum would be exempted. Penalties would only be applicable against those who maliciously intercept cellular telephone conversations for various illegal reasons.

This finalized version of SB-1431 can only be viewed as a major victory for amateur radio and scanner enthusiasts, and a defeat for the well-financed lobbyists for the various telephone companies. When one considers the late start of the original bill's opponents (when Assembly passage was all but assured), the victory becomes all the more significant.

FCC SCUTTLES WAITING PERIOD FOR RE-EXAMINATION

(Condensed from The ARRL Letter, September 30, 1985)

Effective November 8, 1985, the FCC has amended the Amateur Rules to eliminate the thirty-day wait before an applicant for an amateur examination may retake a failed examination element. This action, in PR Docket 85-21, is the result of a petition filed by Phil Miller (KB8QX) in 1984. Miller had requested that the waiting period for retaking an amateur exam be reduced from thirty days to seven days. FCC's Notice of Proposed Rulemaking proposed elimination of the waiting period altogether.

The FCC Report reads in part: "Commenters favoring complete elimination of a waiting period are of the belief that without a waiting period, amateur applicants would have more incentive to study and retake the examination. Commenters who favor retaining a waiting period believe that an interval is necessary to preclude answering the examination questions mechanically or unthinkingly as a result of repetitive rote learning."

The Commission stated that, while the thirty-day waiting period "may promote conscientious preparation for examinations, its purpose was to conserve Commission resources. If concerns for integrity can be satisfied, we see no need to restrict the remarkably flexible volunteer examination system with outdated prohibitions." It was pointed out that present instructions to VECs mitigate against the same questions being used at the unsuccessful applicant's next examination. The FCC Report continues: "VECs have been instructed not to use the same set of questions in successive examination sessions [and] it is highly unlikely that examination sessions coordinated by two different VECs will contain the same questions."

While the battle in California may be at an end, a similar and much more intensive fight is expected on the Federal level in the future.

RADIOS PROVIDE KEY LINK

SAN PABLO - A second big earthquake that pillaged Mexico City Friday has local ham operators busy again helping coordinate the Bay Area relief effort and the search for loved ones.

Since the first quake struck Thursday, Albany scientist Dave Tyler has radioed Mexico City constantly and confirmed for at least three West County families that relatives there are safe. At the same time, he's served as the Salvation Army's communications post for a team of relief workers, who arrived on the scene Friday to prepare for a planeload of doctors and nurses landing Saturday. Radio operators in Mexico City delivered an urgent message to a Los Angeles station Saturday, calling for more burn dressings, pain killers and medical supplies. Tyler picked up the transmission and relayed it to San Francisco in hopes that the badly needed materials would fly down on the plane with medical workers leaving Saturday. With phone lines out, Tyler and radio operators around the world serve as a major link to Mexico City, while engineers and technicians work to restore the city's international phone lines. "We've used this radio to talk to Coalinga in 1982 and for the floods in North Richmond," Tyler said, pointing to shelves of radio equipment at the Salvation Army Church in San Pablo (sic).

Operators have jammed the airwaves since Thursday's quake, helping families locate relatives. But well-intentioned operators are hampering the entire effort by crowding the band, he said. Tyler explained that a radio operator searching for relatives or friends will receive a phone number from a foreign operator. If the operator's phone in Mexico City works, and many local lines there do, he'll call the number. From there, it's hit or miss whether anyone will answer. Operators will fire back what they learn. Conversations with radio operators in Mexico City indicate that normal communications may not resume for a week to six weeks, Tyler said. Keeping the band as free as possible, therefore, remains crucial.

By late Saturday, Tyler said that another station solely for checks on loved ones may be transmitting. In the meantime, a portable satellite station sent from Burlingame Saturday has established another line of communication. The Red Cross satellite left the Bay Area before tests were completed. But Tyler said a lack of communication in Mexico City coupled with the rising death toll warranted the try. The handbag-size device unfolds like a suitcase. It beams signals to an airborne satellite and then to a receiver. The machine broadcasts 24 hours a day and delivers messages with the clarity of a telephone. That continuous ability will come in handy, Tyler said, since atmospheric conditions and the sun have driven radio signal transmissions to an 11-year low. It also helps because ham radio signals do not transmit well at night (sic!). "It (the satellite) has enormous range and is a clear form of communication," Tyler said.

More on Club Earthquake Effort

A CORRECTION . . .

In last month's BLOWN FUSE, the name of Leo Lewis (WA6ZFU) was left off of the list of EBARC members who volunteered their time at the W6EJA Memorial Station during the Mexican Earthquake crisis. Although your Editor would regret an error of this sort in any circumstance, this situation is all the more embarrassing for the reason that the bulk of the Club's efforts were conducted using his rig! When our Kenwood 820 (which has admittedly seen its better days) refused to perform consistently, Leo brought in his solid-state ICOM which worked very well during this period. For the record, Leo pulled 8 shifts for a total of 32 hours, second only to Dave Tyler!

. . . AND A SUGGESTION

THE BLOWN FUSE appreciates any articles, stories, or other information submitted. Although I do not like to dictate the writing styles of any of our "volunteer reporters," I do have one suggestion, which comes as a result of the above omission: When submitting articles regarding the efforts of Club members, please identify them by NAME as well as by callsign. The list of Mexican Earthquake volunteers was not unique in its content: only the callsigns of the volunteers were given. Unfortunately, a typo on this list had transposed the letters of Leo's call. When "WA6ZVF" was entered into the computer for comparison with the Club roster, it quite rightly indicated that this call was not that of an EBARC member. Hence, the omission.

NOVICE CW & THEORY CLASSES START NOV. 5

The East Bay Amateur Radio Club will begin another Novice License class on Tuesday evening, November 5th, at 7:30 pm at the WA6JSO Memorial Station in back of the Red Cross Building, 32nd Street & MacDonald Avenue, Richmond. Classes will be held Tuesday and Thursday evenings for approximately six weeks, according to the instructors, Don Waits (WD6DLR) and Sherrick Slattery (KA6NZB). Elementary theory and 5 wpm Morse code will be taught, in order to prepare students to pass Elements 1A and 2 and thus receive their Novice tickets.

Potential students should take note of the fact that the previous EBARC Novice Class, held during April and May of this year, saw ALL students pass! Of course, success depends mostly upon the individual student's efforts. Notwithstanding, Don and "Slats" are knowledgeable and motivated instructors! For further information, call Don at 529-1785 or Slats at 451-5757.

EBARC PROVIDES MARATHON COMMUNICATIONS

East Bay Amateur Radio Club members answered the call and assisted Northern Alameda County ARES in providing radio communications for the 13-mile Berkeley-Moraga Run. The annual event, which was attended by over 300 runners, began at 7:30 a.m., Sunday, October 13 at the Claremont Hotel and ended about three hours later at Rancho Laguna Park in Moraga. Fortunately, there were no emergencies to handle, but the hams' efforts were appreciated nonetheless.

EBARC members participating were Sue Ludemann (KA6SOC), Northern Alameda County E.C. Larry Marks (W6VTJ), Don Simon (NI6A), Al Streit (KG6HF), and Bob Wheeler (KF6PD).

HAVE YOU PAID YOUR 1986 DUES YET?

MAIL CHECKS TO: EBARC, P.O. BOX 6211, ALBANY CA 94706
198201 \$12 PER YEAR (INDIVIDUAL) OR \$15 PER YEAR (FAMILY)
(You may also renew your membership at the November 8 meeting!)

ELECTION OF 1986 OFFICERS HIGHLIGHTS NOVEMBER MEETING

The Nominations Committee will place its slate of candidates for election to the positions of President; First, Second, and Third Vice Presidents; Secretary; and Treasurer before the general membership at the November 8 meeting. Nominations will also be accepted from the floor.

The selection of qualified and dedicated Club members to serve as officers is one of the most vital elements in assuring continued prosperity of the Club. THE BLOWN FUSE wishes to thank the Nominating Committee members for the time they spent on this task: Peter Gaposchkin (KB6WC), Joe Lee (WB6DOB), and Don Simon (NI6A).

CLUB JACKETS ON SALE NOVEMBER 8

The official East Bay Amateur Radio Club jacket will be available once again at the upcoming meeting, Friday, November 8, according to Club Trustee Joe Lee (WB6DOB). These fully-lined nylon jackets are yellow with blue lettering. Joe admitted to THE BLOWN FUSE that the ones offered for sale a few years ago had lettering that was so dark it appeared black, resulting in general disappointment and reduced sales. This time, the blue is really blue, he says. A sample will be on display and orders will be taken. Oh, yes, the price is \$35.

Incidentally, Joe reminds new members that membership badges are still available. These are the 2-7/8"x1-1/2" royal blue badges with your name, callsign, and "East Bay Amateur Radio Club" in gold. The price is only \$3.25.

TREASURER'S REPORT - SEPTEMBER & OCTOBER, 1985

The EBARC membership fee for 1986 is \$12, or \$15 for the new Family Membership rate. We are now accepting dues for 1986. Please pay by check with your call sign on it to enable easier bookkeeping. The first members to pay their dues for 1986 are Mike Kan (KB6IRQ) and Frank Taylor (WA6VBV).

A few months ago, Robby Robinson (N6MNL) joined the ARRL for the first time, and now we have received a \$5 rebate because he joined through the EBARC. If you have not been a member of the ARRL for the past five years, please join NOW so that you can be a member of Ham Radio's best organization and we can profit from a \$5 rebate to our club! Remember, we have only until December 31, 1985 to qualify for this special rate.

September Income:

New Members: David Puglatch, Mike Kan (KB6IRQ), Art McLaughlin (W6THD), Phil Saxton (N6ASM), Frank Taylor (WA6VBV).	\$ 44.00
A.R.R.L. Membership Renewals: Doug Cain (N6JNK), John Percival (WI6D)	50.00
Auction Sales (from 8/9/85 sale)	85.00
Coffee Kitty	11.45
Station Fund	3.00
Mike Kan (KB6IRQ)	4.00
NU6W (Guest dinner fund)	10.00
Total September Income:	\$207.45

September Expenses:

Blown Fuse printing	\$ 44.25
Blown Fuse postage	20.90
Guest dinner expenses	29.35
A.R.R.L. membership renewals	46.00
Total September Expenses:	\$140.50

October Income:

New Members: Joanne Streit (N6LSV), Kit Chantarotwong (KB6JZM)	\$ 19.00
Membership Renewals: WD6GGC, KA6DLK, KG6HF, K6MBV, KB6JEC, WA6FFV, WB6DOB, N6EK, NI6A, KF6PD, W6JKY, Dave Pugatch	144.00
A.R.R.L. Membership Renewals: NU6W	25.00
Blown Fuse advertising: HRO, Base Station	39.00
ARRL rebate for N6MNL membership (new)	5.00
Coffee Kitty	26.75
Station Fund	3.00
Total October Income:	\$261.75

October Expenses:

Blown Fuse printing	\$ 67.18
Blown Fuse postage	19.36
EBARC Membership Card printing (1,000 count)	79.88
A.R.R.L. membership renewal: NU6W	23.00
Total October Expenses:	\$189.42

Central Bank Accounts - November 4, 1985

Savings (Station Fund)	\$486.82
Checking (General Fund)	\$693.51
Remember to feed the Kitty!	
Gordon Parsons (NU6W)	
Treasurer	

\$30,000 OF ILLEGAL ELECTRONIC EQUIPMENT SEIZED

(by Amy Freundlich, FCC Public Service Specialist)

On October 8, 1985, Electronic Engineers from the San Francisco District Office of the Federal Communications Commission along with U.S. Marshals conducted search and seized an estimated \$30,000 of electronic equipment, including illegal radio frequency amplifiers and modified CB transceivers as well as sales records. The search warrant was executed against DOC HOLIDAY COMMUNICATIONS, 1695 Lawrence Road, Santa Clara, California. This action was taken as a result of a lengthy investigation by the FCC as part of a continuing nationwide enforcement program to assure that the FCC ban on manufacturing and selling CB linear amplifiers and other non-type accepted transmitters is observed. Federal law (47 USC 302(b)) prohibits the marketing and manufacture of such non-compliant electronic equipment. Investigations of this nature are necessary in order to prevent the increased sale and use of illegal equipment that can cause harmful interference to authorized radio systems such as police, fire, and other safety services, as well as electronic home entertainment equipment.

198509

For further information, please contact Amy Freundlich, FCC District Office, (415) 556-7701.

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone with an interest in amateur radio! Individual membership is \$12 per year; family membership is \$15 per year. Contact any East Bay A.R.C. official listed below for further information, or write to EBARC, P.O. Box 6211, Albany CA 94706.

The East Bay Amateur Radio Club maintains two Club Stations: The W6EJA Memorial Station is located at the Salvation Army Chapel, 1110 36th Street, Richmond. The W6JSD Memorial Station is located at the American Red Cross, 32nd St & MacDonald Ave, Richmond. The Club callsign is W6CUS.

EAST BAY A.R.C. OFFICERS, BOARD MEMBERS, COMMITTEE CHAIRMEN

Ed Arnold (K6AGD) President	223-7967
Bob Wheeler (KF6PD) First Vice President	483-6724
Dave Lowrey (KB6APL) Second Vice President	946-9173
Al Streit (KG6HF) Third Vice President	526-5743
John Percival (W160) Secretary	232-8111
Gordy Parsons (NU6W) Treasurer	785-4290
Ray Ahlberg (N6DIG) Past Pres. & CCRC Rep.	525-8858

Betty Baldo (KB6P) Executive Board	653-1650
Grant Calhoun (N6XP) Executive Board	233-0566
Steve Dodge (K6ZR) Executive Board	233-5833
Carl Eastman (KA6OLK) Executive Board	237-2621
Leo Lewis (WA6ZFU) Executive Board	233-0301
Sam Mason (WD6FTM) Executive Board	526-5104
Don Simon (NI6A) Executive Board	237-1381
Don Waits (WD6DLR) Executive Board	529-1785

Grant Calhoun (N6XP) Legal & Finance	233-0566
Steve Dodge (K6ZR) Constitution, Technical	233-5833
Don Dunn (K6BJJ) Historian	526-1736
Peter Gaposchkin (KB6WC) Publicity	527-1232
Joe Lee (WB6DOB) Awards, W6CUS Trustee	724-0533
Gordy Parsons (NU6W) Fund Raising	785-4290
Don Stiver (N6EEG) Club Station, Field Day	233-5846
Al Streit (KG6HF) BLOWN FUSE Editor, Membership, Hospitality	526-5743
Don Waits (WD6DLR) Education & Upgrading	529-1785
Bob Wheeler (KF6PD) Program	483-6724

AMATEUR RADIO NETS

EAST BAY AMATEUR RADIO CLUB SLOW CW NET	WEDS	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	WEDS	2100	21.395
West Contra Costa County RACES/ARES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1915	147.540
Contra Costa Communications Club Net	Thurs	1930	145.110
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.490

EAST BAY A.R.C. PACKET RADIO MAILBOX (W6CUS-1)	24 HRS/DAY	145.090
--	------------	---------

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to East Bay A.R.C. members. THE BLOWN FUSE welcomes articles of interest to its members and amateur radio in general. Deadline for December issue: Saturday, November 30. THE BLOWN FUSE reserves the right to edit or reject any article submitted. Material submitted becomes the property of THE BLOWN FUSE. All articles herein by Al Streit (KG6HF) except where noted. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given.

"The Key to Worldwide



Communications"

HAM RADIO OUTLET

THE COMPLETE RESOURCE FOR YOUR HAM RADIO NEEDS.

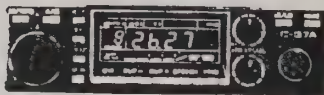
ICOM IC-R71A

SUPERIOR GRADE
GENERAL COVERAGE
RECEIVER



Regular \$799
SALE! \$629.95

ICOM IC-37A



220 MHz's BEST BUY!
REGULAR \$449
SALE! \$299.95
LIMITED QUANTITIES
THIS PRICE.

TOLL-FREE PHONE

INCLUDING ALASKA AND HAWAII

ICOM HAND-HELDS



IC-02AT IC-2AT IC-3AT
IC-04AT IC-4AT

**AT GREAT LOW
SUMMER PRICES**

FREE SHIPMENT
MOST ITEMS. U.P.S. SURFACE.

ICOM IC-735

THE LATEST IN ICOM'S LONG LINE
OF HF TRANCEIVERS

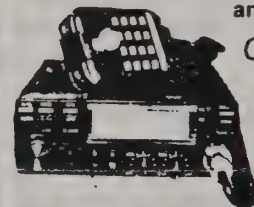


CALL FOR LOW, LOW PRICE

ICOM LATEST EDITION

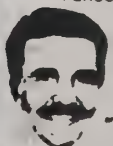
IC-3200A DUAL BANDER

COVERS BOTH 2 METERS
and 70CM



CALL FOR
LOW,
LOW
PRICE

6 STORE BUYING POWER!



PERSONALIZED SERVICE

BOB FERRERO HWRJ
President
JIM RAFFERTY HWRJ
VP Sr. Staff Dir. Anaheim
Managers
GEORGE WOODS Burlington
DON HENPE Oakland
BOB KIRCH Phoenix
OLENN KINA San Diego
AL KEVRA Van Nuys
and other active amateurs to serve you

ANAHEIM, CA 92801
2620 W. La Palma,
(714) 761-3033, (213) 860-2040,
Between Disneyland & Knott's Berry Farm.
BURLINGAME, CA 94010
990 Howard Ave.,
(415) 342-5757,
5 miles south on 101 from San Fran. Airport.

800-854-6046

THE TOLL FREE NUMBER IS NOT IN EFFECT IN THE STATES OF
CALIF. AND ARIZONA
CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT NEAREST STORE
PHONE HOURS: 9:30 AM TO 5:30 PM PACIFIC TIME.
STORE HOURS: 10 AM to 5:30 PM Mon. through Sat.

OAKLAND, CA 94609
2811 Telegraph Ave.,
(415) 451-5757,
Highway 24 Downtown. Left 27th off-ramp.
PHOENIX, AZ 85015
1702 W. Camelback Road,
(602) 242-3515,
East of Highway 17.

SAN DIEGO, CA 92123
5375 Kearny Villa Road,
(619) 560-4900,
Highway 163 and Clairemont Mesa Blvd.
VAN NUYS, CA 91401
6265 Sepulveda Blvd.,
(818) 988-2212
San Diego Freeway at Victory Boulevard



AEA • ALLIANCE • ALPHA • AMECO • B & W • CALLBOOK • CENTURIAN • COLLINS • JSC • J W MILLER • KANTRONICS • SIGNAL ONE • STONER • TEMPO • TEN TEC
AMPHENOL • ANEXTER MARK • ANTENNA • COLUMBIA • CURTIS • CUSHCRAFT • KENWOOD • KLM • LARSEN • LUNAR • METZ • TRISTAD • TRI EX • VAN GORDON • VOKOM
SPECIALISTS • ANNAL • ASTRON • BASH • DAIWA • DRAKE • DX EDGE • EIMAC • HP J • MICRO LOG • MINI PRODUCTS • VIBROPLEX • WEST • YAESU and more
BELDEN • BENCHER • BIRD • BUTTERFLUT • GILFER • HAL • MUSTLER • HY GAIN • ICOM • MRRAGE • NYE • PALOMAR • ROBIN • SHURE
Prices, specifications, descriptions subject to change without notice. Calif. and Arizona residents please add sales tax

QLF

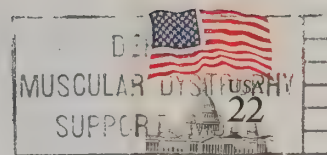
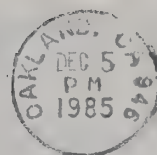
EAST BAY AMATEUR RADIO CLUB

W6CUS

THE BLOWN FUSE



**EAST BAY AMATEUR RADIO CLUB
P.O. BOX 6211
ALBANY, CA 94706**



FIRST CLASS MAIL

MERTENS, WOODY N6LFW
1850 SAN PEDRO AVE
BERKELEY CA 94707

POSTMASTER:
ADDRESS CORRECTION REQUESTED.

COMING EVENTS

- | | | |
|--------|--------------------|--|
| DEC 7 | 9:00 am | Amateur Radio Examinations
Berkeley Red Cross
2116 Allston Way |
| DEC 13 | 7:30 pm
8:00 pm | W6EJA Memorial Station opens
EAST BAY A.R.C. MEETING
Christmas Party
Installation of 1986 Club Officers |
| DEC 31 | | "Your Place or Ours" |
| JAN 10 | 7:30 pm
8:00 pm | W6EJA Memorial Station Opens
EAST BAY A.R.C. MEETING |

THE EAST BAY AMATEUR RADIO CLUB meets at 8:00 pm the second Friday of each month at the Salvation Army Church, 1110 36th St. (at Rheem Ave.), Richmond, CA

BOB WHEELER (KF6PD) TO LEAD EAST BAY A.R.C. IN 1986

East Bay Amateur Radio Club members attending the November 8 meeting elected a slate of Officers for the upcoming year which includes two newcomers as well as four holdovers from 1985. Bob Wheeler (KF6PD), currently serving as First Vice President, received the nod as EBARC President for 1986. Bob had previously served as Third Vice President as well. It is worth noting that, at age 24, the Club's new President is its youngest member as well! In the past, Bob has been an enthusiastic Field Day participant, barring conflicts with his "second job" in the Marine Corps Reserve. He is involved with all aspects of this hobby, including the increasingly-popular packet radio mode. Our Club is indeed fortunate to have someone with Bob's talents as its leader.

Two "newcomers" to the leadership ranks in 1986 are Rich Fish (N6IIW), our new First Vice President, and Bob Fabry (N6EK), who will serve as Second Vice President. Rich is active in packet radio, and Bob is an avid CW enthusiast. Continuing in their positions as Third Vice President, Secretary, and Treasurer are Al Streit (KG6HF), John Percival (W160) and Gordy Parsons (NU6W).

Stepping down from their posts are President Ed Arnold (K6AGD), who is retiring and moving to Oregon, and Dave Lowrey (KB6APL), whose recent marriage and move out of the immediate area has left little time for ham radio.

Beginning this year, responsibility for Field Day no longer rests with the 2nd VP. Instead, a Field Day Chairman has been appointed: Mike Young (K6MBV). The 2nd VP will, however, assume the duties of the Hospitality Chairman, which had previously been handled by the 3rd VP. The 3rd VP will continue his responsibilities as Membership Chairman.

Congratulations to our new Officers, and thanks once again to the Nominating Committee for their hard work in recruiting this team!

EXECUTIVE BOARD DISSOLVED BY MEMBERSHIP REPLACEMENTS NAMED

At the November 8 meeting of the East Bay Amateur Radio Club, the general membership voted to dissolve the present Executive Board. The Club then named four members to a new Board, joining the 1986 Officers, Committee Chairmen, W6CUS Trustee, and BLOWN FUSE Editor. This action was taken in recognition of the fact that a number of people have become less active in Club affairs than in former years. A number of necessary executive tasks (such as amending the Club Constitution, investigating tax-exempt status, etc.) have been ignored over the past several years, producing some concern among the membership. It was felt that a streamlined Executive Board would be more responsive to these tasks.

Article Four, Section 1 of the EBARC By-Laws states: "The Executive Board shall consist of the President, Vice President, Secretary, Treasurer, and such additional officers or members as shall be established by resolution." In the past, all three vice presidents as well as the committee chairmen have also served on the Board. Such will be the case on the 1986 Board as well. Named to the new Executive Board by the November 8 resolution were Betty Baldo (KB6P), Carl Eastman (KA6OLK), Leo Lewis (WA6ZFU), and Don Simon (N16A).

KG6HF Editorial Comment It has now been one year since Joe Lee (WB6DOB) startled the membership with his motion to abolish the Executive Board. The subsequent furor resulted in exactly ONE meeting of the Board in 1985. Now, one year later, the same unfinished business confronts the "new" Board. It is hoped that November's action will culminate in significant accomplishments during 1986!

HAVE YOU PAID YOUR 1986 DUES YET??

\$12 Individual - \$15 Family

(EBARC, P.O. Box 6211, Albany CA 94706)

WHERE ARE ALL THE JACKET ORDERS?

Prior to and during the November 8 meeting, several East Bay A.R.C. members placed tentative orders for Club jackets with Joe Lee (WB6DOB). Unfortunately, now that it is time to confirm the orders and commit to payment, only seven have done so!

Not only is this an embarrassment to the Club, but it could be expensive as well. The deal that Joe struck with the sporting goods store was that purchasers would get lettering free of charge in return for a minimum of twelve orders. Furthermore, the price of the nylon jacket (under \$40) is most reasonable. (For comparison, check out the \$70-80 price of a '49ers or A's nylon jacket.) If this minimum lot order is not forthcoming, the cost of the lettering must be borne by the Club treasury!

Anyone who previously placed a tentative order, or anyone else who would like to order the official East Bay Amateur Radio Club jacket, is asked to do so immediately. Due to the time involved in arranging production, these are only offered once every 3-4 years, so act now! To order, contact: Merry Jax Sporting Goods, 12548 San Pablo Avenue, Richmond CA 94805, phone number (415) 232-1120.

AMATEUR RADIO EXAMS SET FOR DECEMBER 7

Northern Alameda County A.R.E.S. will conduct examinations for all classes of amateur radio licenses under the VEC program on Saturday, December 7, at 9 am at the American Red Cross, 2116 Allston Way, Berkeley. The examinations will be given on a walk-in basis. "Walk-ins" must bring their original license and a copy of their license, some form of identification (e.g., a California drivers license), plus a \$4 check payable to "ARRL/VEC".

For further information, contact Dr. Malcolm Raff (W4ZUNP), 2315 Blake Street, Berkeley CA 94704, telephone 540-8916.

540-8916

THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS

NOW CARRYING

YAESU PRODUCTS

AT

VERY COMPETITIVE PRICES

CALIFORNIA'S NEWEST AUTHORIZED

YAESU DEALERSHIP

The Base Station

2101 Pacheco St. Concord, CA 94520

(415) 685-7388

EBARC CHRISTMAS PARTY SLATED FOR DECEMBER 13

Installation of 1986 Officers will be held during the Friday, December 13 meeting of the East Bay Amateur Radio Club, after which will be held the annual EBARC Christmas Party. In keeping with Club tradition, attendees are asked to bring three gifts with them. Two of the gifts will be exchanged: one should be male-oriented, the other female-oriented. It is suggested that each be no more than \$5 in value.

The third gift should be a donation (cash, check, etc.) for the Salvation Army. During this time of year, it is only proper to remember those who are less fortunate than we. There is no organization that I am aware of which does as much for the needy as the Salvation Army.

TREASURER'S REPORT - NOVEMBER 1985

November Income:

New Members: Bernie Bacom (WB6UYJ), Mae Clark (Family Plan)	\$ 15.00
Membership Renewals: N6ASB, K6AGD, NW6E, NG6C, WI6D, N6IIW, N6DRT, W6JRZ, KA6NZB, WD6FRP, W6THD, WA6KTL	144.00
A.R.R.L. Memberships: KA6NZB, WA6KTL, WB6UYJ	70.00
Auction Sales	15.25
Check from Ham Radio Outlet	30.00
Check from The Base Station	9.00
Coffee Kitty	7.75
Station Fund	3.40
Total November Income:	\$294.40

November Expenses:

Blown Fuse printing	\$ 42.60
Blown Fuse postage	18.92
A.R.R.L. Memberships	66.00
Total November Expenses:	\$127.52

Central Bank Accounts - November 15, 1985

Savings (Station Fund)	\$505.47
Checking (General Fund)	\$860.39

We had a very successful auction last month. Several piles of old Ham Radio Magazines were donated by W6JKY. If you have old radio magazines taking up space in your radio shack, why not bring them to the January auction??! Many of our newer hams find them helpful in learning the hobby. We traditionally give a nice gift to the Salvation Army at Christmas time to help them in their services. Please make your check out to the Salvation Army, and bring it to the EBARC Christmas Party on Friday, December 13th. Merry Christmas and Happy New Year!

Remember to feed the Kitty!
Gordon Parsons (NU6W)
Treasurer

NEW LOCKS ON SALVATION ARMY DOORS

Joe Lee reports that Sam Mason (WD6FTM), who has recently completed a course in locksmithing, has re-keyed the locks on the W6EJA Memorial Station at the Salvation Army, thus making access much easier for all of us. Many thanks to Sam for a job well done!

MERRY CHRISTMAS and HAPPY NEW YEAR!

FROM THE BLOWN FUSE

BERNIE BACOM, MAE CLARK JOIN EBARC

At the November meeting of the East Bay Amateur Radio Club, the second new member was signed up under the new Family Membership Plan: Mae Clark, wife of Carl Clark (WA6KTL). Another newcomer with family ties to the EBARC is Bernie Bacom (WB6UYJ), a San Pablo resident, licensed since 1977, who now holds a Technician class license. Club members may remember Bernie's son Dave Bacom (WA6TPJ), a member of the East Bay A.R.C. during the 1970s and who now lives in the San Luis Obispo area. Welcome aboard Mae and Bernie!

"YOUR PLACE OR OURS" SET FOR NEW YEAR'S EVE

The Contra Costa Repeater Association (CCRA), citing last year's successful "Your Place or Ours" program and improved operating guidelines for this year, has announced that a similar service will be provided this New Year's Eve. For those who may be unaware, "Your Place or Ours" is a volunteer program which offers rides to those who have consumed too much alcohol on New Year's Eve (thereby keeping them off the streets and highways).

In the past, this program has aroused some controversy within the EBARC, among those who feel that such services condone--if not encourage--excessive drinking. In fairness to "Your Place or Ours", however, it is pointed out that the chief beneficiaries of the program are the sober drivers whose lives and property would be endangered by other drivers who are legally drunk.

Anyone planning to remain dry on New Year's Eve (on a Tuesday, this year) and available to help out may contact Brad Watson (WA6AEO) at (415) 676-8239.

GENERAL MEETING MINUTES

October 11, 1985

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:05 pm by President Ed Arnold (K6AGD).

Guests: Robert Bowling, Kit Chantarotwong (KB6JZM) and Kofi Lotzu (DJ0FF) from West Germany (originally from Ghana).

Corrections to October Blown Fuse: New Member Mike Kan (KB6IRQ) has an Advanced license rather than Novice. Leo Lewis (WA6ZFU) was omitted from the list of Club members who participated in the Mexico earthquake traffic handling.

Secretary: Meeting Minutes for August and September were approved as printed in THE BLOWN FUSE.

Club Station: Carl Clark (WA6KTL) has donated a battery charger for the W6EJA Memorial Station.

Public Service: Dave Tyler (N6DRT) announced a Simulated Emergency Test (SET) will be held October 19th with operation on 3952 KHz, 7275 KHz, and the 145.110 MHz and 147.735 MHz repeaters. Dave also told the Mexico City Earthquake story. Our W6EJA Club Station was operated by volunteers for a total of 134 hours, providing the Salvation Army with communication to its Mexico City branch. Local TV and newspapers reported our Club's participation in the health-and-welfare traffic handling.

Education: Novice classes will start November 5th and meet Tuesdays and Thursdays at the WA6JSO Memorial Station. It was announced that upgrade classes for Technician through Advanced will be offered beginning October 15th at the Berkeley Red Cross.

Constitution and Bylaws: This committee has been inactive for almost one year. Don Simon (N16A) moved to appoint Betty Baldo (KB6P) to reactivate this committee. Motion passed by a 9-to-5 majority.

Club Jackets: Joe Lee (WB6DOB) said jackets can be ordered if enough interest is shown.

The meeting was adjourned at 9:30 pm.

John Percival (W160), Secretary

GENERAL MEETING MINUTES

November 8, 1985

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:05 pm by President Ed Arnold (K6AGD).

Guests: Roger Glenn, Ed Castell (KE6AM), Rosita Fields, and Bob Wilkins (N6FRI).

Treasurer: The Treasurer's Reports for September and October were accepted as printed in THE BLOWN FUSE.

Public Service: Dave Tyler (N6DRT) reported that the October SET showed there was a mix of different emergency frequency lists around. A new list will be distributed soon to eliminate the confusion.

Field Day: The W6CUS Field Day score was 1,518 points. At the suggestion of Joe Lee (WB6DOB) a resolution was passed to appoint Mike Young (K6MBV) as Field Day Chairman for 1986.

Elections: The following slate of candidates was presented by the Nominating Committee and elected by those in attendance: President, Bob Wheeler (KF6PD), 1st VP Richard Fish (N6IIW), 2nd VP Bob Fabry (N6EK), 3rd VP Al Streit (KG6HF), Treasurer Gordy Parsons (NU6W), and Secretary John Percival (W160). The new Digital Radio Committee will be chaired by Richard Fish.

Executive Board: A resolution was unanimously adopted to dissolve the Board and replace it as follows: Betty Baldo (KB6P), Carl Eastman (KA6OLK), Leo Lewis (WA6ZFU), and Don Simon (N16A).

Program: Guest speaker was Bob Wilkins (N6FRI), UHF coordinator for N.A.R.C. Bob described the band plans for the new 33 cm (902-928 MHz) band and for 70 cm (420-450 MHz). The new cellular radiotelephone systems in the Bay Area were also discussed.

The meeting was adjourned at 9:50 pm for refreshments and an auction.

John Percival (W160), Secretary

NATIONAL "SCANNER WAR" ON HORIZON?

As THE BLOWN FUSE goes to press, Westlink and other sources are concerned that a "Scanner War" is about to erupt in the U.S. Congress. Readers of this publication will recall that earlier this year, cellular mobile telephone interests lobbied hard within the California Legislature to outlaw the sale and possession of UHF receivers capable of monitoring the 800 MHz cellular telephone band. After the so-called "Telephone Privacy Act" had passed the State Senate, amateur radio operators--alarmed at the precedent such a law would establish--joined forces with scanner enthusiasts to effectively defeat the proposal in the Assembly. The bill was rewritten such that scanners were exempted from its effects.

It now appears that the telephone lobby was stunned by its California setback, having paid scant attention to amateur radio previously. As a result, Westlink reports they are determined to wage all-out war at the Federal level to outlaw these dreaded receivers and ensure that amateur radio never stands in their way again! This war is being waged on other fronts as well: HR-3378 and S-1667 would ban phone patches, packet radio, and other digital modes. These private interests are well-financed and expect to earn sufficient future profits to remain well-financed.

KG6HF Editorial: This reporter has felt for some time that, in the end, our success in maintaining our privileges will come down to a game of numbers. If the number of licensed hams continues to decline and those remaining grow ever older, amateur bands will inevitably be reassigned to burgeoning services such as mobile telephones. Recent proposals aimed at either increasing the number of licensees or increasing activity of existing licensees (such as the ARRL plan to increase Novice privileges [RM-5038] and Senator Goldwater's call for a no-code license class) must be seen within this highly-political context.

ANTENNA PARTIES HELD IN LOCAL AREA

Throughout Northern Alameda and Contra Costa Counties, East Bay Amateur Radio Club members have been busy installing amateur radio antennas for emergency communications use. It took three separate Saturday mornings in October and November to get the job done, but Northern Alameda County A.R.E.S. now has a 2-meter Ringo Ranger antenna installed at the Albany Fire Department at Buchanan and Marin Avenues. A test conducted after installation demonstrated the ability to access repeaters as far away as the Santa Cruz Mountains using only 5 watts! EBARC members participating were Northern Alameda County E.C. Larry Marks (W6VTJ), Peter Gaposchkin (KB6WC), Don Simon (NI6A), and Al Streit (KG6HF).

Don Simon reports that similar progress is being shown by West Contra Costa County R.A.C.E.S. He, Doug Cain (N6JNK) and Don Stiver (N6EEG) are arranging the installation of an antenna at the El Cerrito Police and Fire Departments. He notes also that Woody Mertens (N6LFW) has donated three portable antennas to the Berkeley-West Contra Costa Chapter of the American Red Cross for use in emergency communications.

SLATS REPORTS NOVICE CLASS PROGRESS

Sherrick Slattery (KA6NZB) reports that the current Novice licensing class taught by he and Don Waits (WD6DLR) is making excellent progress, and he is very optimistic about the outcome. Earlier this year, another similar class ended with all students having passed 5 wpm Morse code and elementary theory examinations (Elements 1A and 2). That was admittedly a tough act to follow, and no guarantees are forthcoming as to another 100% passing rate, yet Slats feels this remains a realistic possibility. There are twelve students in the current class, and most are doing quite well. Classes have been held on Tuesday and Thursday evenings at the WA6JSD Memorial Station in Richmond. Stay tuned next month for the results!

The EAST BAY AMATEUR RADIO CLUB is comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone with an interest in amateur radio! Individual membership is \$12 per year; family membership is \$15 per year. Contact any East Bay A.R.C. official listed below for further information, or write to: EBARC, P.O. Box 6211, Albany CA 94706.

The East Bay Amateur Radio Club maintains two Club Stations: The W6EJA Memorial Station is located at the Salvation Army Chapel, 1110 36th Street, Richmond. The WA6JSO Memorial Station is located at the American Red Cross, 32nd St & MacDonald Ave, Richmond. The Club callsign is W6CUS.

1986 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Bob Wheeler (KF6PD) President	483-6724
Rich Fish (N6IHW) First Vice President, Program Chairman, Digital Communications Chairman	777-1230
Bob Fabry (N6EK) Second Vice President, Hospitality Chairman	527-7655
Al Streit (KG6HF) Third Vice President, Membership Chairman, BLOWN FUSE Editor	526-5743
John Percival (W16D) Secretary	232-8111
Gordy Parsons (NU6W) Treasurer, Fund Raising Chairman	785-4290
Betty Baldo (KB6P) Constitution Revision Chairwoman	653-1650
Don Dunn (K6BJJ) Historian	526-1736
Carl Eastman (KA6OLK)	237-2621
Peter Gaposchkin (KB6WC) Publicity Chairman	527-1232
Joe Lee (WB6DOB) W6CUS Trustee, Awards Chairman	724-0533
Leo Lewis (WA6ZFV)	233-0301
Don Simon (N16A)	237-1381
Don Stiver (N6EEG) Club Station Chairman	233-5846
Dave Tyler (N6DRT) Public Service Chairman	525-6200
Don Waits (WD6DLR) Education Chairman	529-1785
Mike Young (K6MBV) Field Day Chairman	531-5197

AMATEUR RADIO NETS

NET	NET CONTROL	DAYS	LOCAL TIME	FREQ-MHz
EAST BAY AMATEUR RADIO CLUB SLOW CW NET	Doug Cain (N6JNK)	WEDS	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	Al Streit (KG6HF)	WEDS	2100	21.395
West Contra Costa County RACES/ARES Net	(Rotates)	Thurs	1900	145.110
Northern Alameda County ARES Net	(Rotates)	Thurs	1915	147.540
Contra Costa Communications Club Net	Joe Peoples (NG6C)	Thurs	1930	145.110
Oakland Red Cross Emergency Communications Net	Tony Slattery (KA6NZB)	Thurs	1930	146.880
"Over the Hill Gang" Breakfast/Commute Net	Jack Whittock (KA6NQJ)	Mon-Fri	0710	145.110
Northern California Net VHF Session	(Rotates)	Daily	1930	145.490

EAST BAY A.R.C. PACKET RADIO MAILBOX (W6CUS-1)	24 HRS/DAY	145.090
--	------------	---------

THE BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, P.O. Box 6211, Albany CA 94706, for the benefit of its membership. Subscription rate is \$12 per year, and is free to East Bay A.R.C. members. THE BLOWN FUSE welcomes articles of interest to its members and amateur radio in general. Deadline for January issue: Saturday, December 28. THE BLOWN FUSE reserves the right to edit or reject any article submitted. Material submitted becomes the property of THE BLOWN FUSE. All articles herein by Al Streit (KG6HF) except where noted. Permission is hereby granted to reproduce articles contained herein, provided proper acknowledgement is given.

"The Key to Worldwide



Communications"

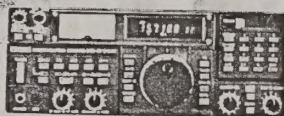
HAM RADIO OUTLET

THE COMPLETE RESOURCE FOR YOUR HAM RADIO NEEDS.



ICOM IC-R71A

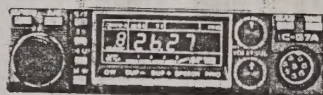
SUPERIOR GRADE
GENERAL COVERAGE
RECEIVER



Regular \$799
SALE! \$629.95



ICOM IC-37A



220 MHz's BEST BUY!
REGULAR \$449
SALE! \$299.95
LIMITED QUANTITIES
THIS PRICE.

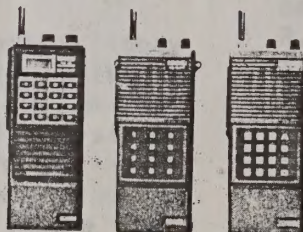
TOLL-FREE PHONE

INCLUDING ALASKA AND HAWAII



ICOM

HAND-HELDS



IC-02AT IC-2AT IC-3AT
IC-04AT IC-4AT

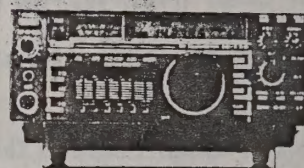
**AT GREAT LOW
SUMMER PRICES**

FREE SHIPMENT
MOST ITEMS. U.P.S. SURFACE.



ICOM IC-735

THE LATEST IN ICOM'S LONG LINE
OF HF TRANCEIVERS



CALL FOR LOW, LOW PRICE



**ICOM LATEST
EDITION**

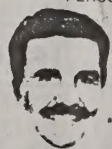
IC-3200A DUAL BANDER

COVERS BOTH 2 METERS
and 70CM



CALL FOR
LOW,
LOW
PRICE

6 STORE BUYING POWER!



PERSONALIZED SERVICE

BOB FERRERO HAMR
President
JIM RAFFERTY HAMR
VP So. Calif. Div. Anaheim
Managers
GEORGE, W8RDSV Burlingame
COM. NRIPE Oakland
BOB, K7RDH Phoenix
GLENN, KBNA San Diego
AL, K4VIA Van Nuys
and other active amateurs to serve you

ANAHEIM, CA 92801
2620 W. La Palma,
(714) 761-3033, (213) 860-2040,
Between Disneyland & Knott's Berry Farm.
BURLINGAME, CA 94010
990 Howard Ave.,
(415) 342-5757,
5 miles south on 101 from San Fran. Airport.

800-854-6046

THE TOLL FREE NUMBER IS NOT IN EFFECT IN THE STATES OF
CALIF. AND ARIZONA
CALIF. AND ARIZONA CUSTOMERS CALL OR VISIT NEAREST STORE
PHONE HOURS: 9:30 AM TO 5:30 PM PACIFIC TIME.
STORE HOURS: 10 AM to 5:30 PM Mon. through Sat.

OAKLAND, CA 94609
2811 Telegraph Ave.,
(415) 451-5757,
Highway 24 Downtown. Left 27th off-ramp.
PHOENIX, AZ 85015
1702 W. Camelback Road,
(602) 242-3515,
East of Highway 17.

FREE SHIPMENT
MOST ITEMS U.P.S. SURFACE



SAN DIEGO, CA 92123
5375 Kearny Villa Road,
(619) 560-4900,
Highway 163 and Clairemont Mesa Blvd.
VAN NUYS, CA 91401
6265 Sepulveda Blvd.,
(818) 988-2212
San Diego Freeway at Victory Boulevard

AEA • ALLIANCE • ALPHA • AMECO • B & W • CALLBOOK • CENTURIAN • COLLINS • JSC • J. W. MILLER • KANTRONICS • SIGNAL ONE • STONER • TEMPO • TEN TEC
AMPHENOL • ANIXTER MARK • ANTENNA • COLUMBIA • CURTIS • CUSHCRAFT • KENWOOD • KLM • LARSEN • LUNAR • MEIZ • TRISTAO • TRI EX • VAN GORDON • VOCON
SPECIALISTS • APRIL • ASTRON • BASH • DAIWA • DRAKE • DX EDGE • EIMAC • MFJ • MICRO LOG • MINI PRODUCTS • VIBROPLEX • WEST • YAESU and more
BEIDEN • BENCHER • BIRD • BUTTERNUT • GILFER • HAL • HUSTLER • HY GAIN • ICOM • MIRAGE • NYE • PALOMAR • ROHN • SHURE

Prices specifications descriptions subject to change without notice Calif. and Arizona residents please add sales tax